

Die Anforderungen an die Industriegetriebeöle werden infolge der wachsenden Leistungsdichte der Getriebe ständig erhöht. Deshalb entwickeln die Ölhersteller in immer kürzeren Abständen neue und bessere Ölformulierungen. Als Folge davon muss die Ölfreigabeliste für FLENDER-Getriebe häufiger als früher an die aktuelle Situation angepasst werden und gilt eine Ölfreigabe nur noch für fünf Jahre. Letztlich ist es immer eine Entscheidung des Ölherstellers, ob er sich mit umfangreichen Tests um eine weitere Freigabe seines Öls bewirbt, oder ob er möglicherweise einen neuen Freigabeantrag mit einem neuen Öl stellt. Nur der Ölhersteller kann den Grund für eine Streichung seines Öls von der Freigabeliste dem Anwender nennen. Der Ölhersteller kennt die Details zu den Änderungen. Flender kann nur feststellen, dass der Ölhersteller u.U. nach Ablauf der Freigabefrist keinen neuen Freigabeantrag gestellt hat.

| Datum      | Tabelle | Marke                                                      | Schmierstoffname                                  | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in | Schmierstoffname geändert in |
|------------|---------|------------------------------------------------------------|---------------------------------------------------|---------------|------------------------------------|------------------------|-------------------|------------------------------|
| 29.04.2025 | A-b     | BayWa AG                                                   | TECTROL GEAR CLP PG XXX                           | x             |                                    |                        |                   |                              |
| 29.04.2025 | A-g     | Tiger Petroleum                                            | Tiger Synthetic Gear Oil GRX xxx                  | x             |                                    |                        |                   |                              |
| 29.04.2025 | B-b     | BECHEM                                                     | Berusynth EPX xxx                                 | x             |                                    |                        |                   |                              |
| 29.04.2025 | A-b     | BECHEM                                                     | Berusynth EPX xxx                                 | x             |                                    |                        |                   |                              |
| 29.04.2025 | A-c     | Petrol Ofisi                                               | Gravis SP XXX                                     | x             |                                    |                        |                   |                              |
| 29.04.2025 | A-c     | Petronas                                                   | Petronas Gear SYN PAO XXX                         |               |                                    |                        |                   | PETRONAS PROGEAR SYN PAO xxx |
| 29.04.2025 | A-c     | Hermann Bantleon GmbH                                      | Avilub Gear SF XXX                                |               |                                    |                        |                   | AVIA Syntogear PE XXX        |
| 29.04.2025 | A-g     | Petronas                                                   | Petronas Gear Syn Series XXX                      |               |                                    |                        |                   | PETRONAS PROGEAR SYN XXX     |
| 29.04.2025 | A-c     | Zhejiang Molube New Material Co., Ltd.                     | ElastGear S xxx F Industrial Gear Oil             |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | Sarlboro PetroChemical Industry (Tian Jin) Co., LTD        | HydroSyn Alpha Industrial Gear Oil ISO VG xxx     |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | T&L Chemical                                               | T&L GE SYN xxx HD                                 |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | Xinjiang FLYC`OIL Co.,Ltd.                                 | Gear oils for industrial enclosed gear system xxx |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | Hangzhou Derunbao                                          | Lingwei Synthetic Gear Oil 3202 ISO VG xxx        |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | Shenzhen Derill                                            | Derill Gear Oil GL xxx                            |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | Qingdao Lubemater                                          | Lubemater CF-20 Gear - VGxxx                      |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | LAAPSA                                                     | OMNIGEAR SEP 4 FLX xxx                            |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | PetroChina Lubricant Company                               | KunLun FD3000N-C Gear Oil xxx                     |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | LOTOS S.A.                                                 | TRANSMIL SYNTHETIC xxx                            |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | TotalEnergies Lubrifiants                                  | CARTER XSH xxx                                    |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | Habot Oil (Pty) Ltd                                        | HABOT H-3000 UP Plus series xxx                   |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | Fuchs                                                      | RENOLIN HighGear XXX                              |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | Fuchs                                                      | Renolin Unisyn XT xxx                             |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | BayWa AG                                                   | TECTROL GEAR CLP SYN XXX                          |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | Motorex                                                    | YORK GEAR COMPOUND PLUS xxx                       |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | Aegean Oil SA                                              | VALESCO EP xxx                                    |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | Addinol                                                    | Gear Oil xxx F                                    |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | BayWa AG                                                   | Tectrol Gear CLP Plus XXX                         |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | JAX Inc.                                                   | JAX H-P Industrial Gear Oil xxx                   |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-c     | Vickers Oil                                                | VICKERLUBE SYNGEAR xxx                            |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | LOTOS S.A.                                                 | TRANSMIL EXTRA XSP xxx                            |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | LLC LLK International                                      | Lukoil Steelo Plus xxx                            |               |                                    | x                      |                   |                              |
| 29.04.2025 | A-a     | LLC LLK International                                      | Lukoil Steelo HST xxx                             |               |                                    | x                      |                   |                              |
| 05.12.2024 | A-d     | Shell Panolin                                              | Shell Panolin S4 Gear EAL xxx                     | x             |                                    |                        |                   |                              |
| 05.12.2024 | A-a     | Petrol Ofisi                                               | Gravis MP xxx                                     | x             |                                    |                        |                   |                              |
| 05.12.2024 | A-g     | Guangxi Beihai Yuchai Petronas High Quality Lube Co., Ltd. | Lide fully synthetic wind power gear oil 320      | x             |                                    |                        |                   |                              |

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|------------|---------|-----------------------------------------------|------------------------------------------------------------------|---------------|------------------------------------|------------------------|---------------------------------|------------------------------|
| 05.12.2024 | A-g     | Shandong Yuangen Petroleum Chemical Co.,Ltd   | Wind power fully synthetic transmission gear lubricant xxx       | x             |                                    |                        |                                 |                              |
| 05.12.2024 | A-c     | GALP                                          | Galp Transgear SY FA xxx                                         | x             |                                    |                        |                                 |                              |
| 05.12.2024 | A-c     | Olma d.o.o                                    | OLMAREDOL 4000                                                   | x             |                                    |                        |                                 |                              |
| 05.12.2024 | A-a     | Engen Petroleum Ltd.                          | Gengear XEP xxx                                                  | x             |                                    |                        |                                 |                              |
| 05.12.2024 | A-c     | YINGKOU HILUBO OIL Co., Ltd.                  | Synthetic Gear Oil for Wind Turbine xxx                          | x             |                                    |                        |                                 |                              |
| 05.12.2024 | E-am    | Gulf Marine Pte Ltd.                          | GulfSea Gear Oil xxx                                             | x             |                                    |                        |                                 |                              |
| 05.12.2024 | A-a     | Gulf Marine Pte Ltd.                          | GulfSea Gear Oil xxx                                             | x             |                                    |                        |                                 |                              |
| 05.12.2024 | B-e     | Klüber                                        | Klübersynth UH1 6-xxx                                            | x             |                                    |                        | Viskositätsangaben aktualisiert |                              |
| 05.12.2024 | A-ef    | Klüber                                        | Klübersynth UH1 6-xxx                                            | x             |                                    |                        | Viskositätsangaben aktualisiert |                              |
| 05.12.2024 | A-ef    | Fuchs Lubritech                               | CASSIDA FLUID WG XXX                                             | x             |                                    |                        | Fuchs                           |                              |
| 05.12.2024 | A-a     | GALP                                          | Galp Transgear xxx                                               | x             |                                    |                        |                                 |                              |
| 05.12.2024 | A-b     | BayWa AG                                      | TECTROL GEAR CLP PG XXX                                          |               |                                    | x                      |                                 |                              |
| 05.12.2024 | A-a     | Raloy Lubricantes S.A de C.V.                 | Raloy Wind Turbines xxx                                          |               |                                    | x                      |                                 |                              |
| 05.12.2024 | A-c     | Indian Oil Corporation Ltd                    | Servosyngear Plus xxx                                            |               |                                    | x                      |                                 |                              |
| 05.12.2024 | A-a     | Fuchs Lubritech                               | GEARMASTER CLP xxx                                               |               |                                    | x                      |                                 |                              |
| 05.12.2024 | B-e     | Fuchs                                         | CASSIDA FLUID WG XXX                                             |               |                                    | x                      |                                 |                              |
| 05.12.2024 | E-am    | ExxonMobil                                    | Mobilgear 600 XP 100                                             |               |                                    | x                      |                                 |                              |
| 05.12.2024 | E-g     | Castrol                                       | MHP 154                                                          |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-c     | Super Lubricity Technology (Foshan) Co., Ltd. | SL-Wear xxxWT                                                    | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-c     | ATP (Shanghai) Special Lubricants Co., Ltd.   | ATP SGG SYN W xxx                                                | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-c     | Fluid Land Lubricants Scientific Co., Ltd.    | Flulagear SYNW xxx                                               | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-c     | AP Oil Pte. Ltd.                              | AP GETOEL EP xxx FS                                              | x             |                                    |                        |                                 |                              |
| 24.06.2024 | B-b     | Setral S.à.r.l. / Setral Chemie GmbH          | SYN-setral-GEAR/PGW xxx                                          | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-b     | Setral S.à.r.l. / Setral Chemie GmbH          | SYN-setral-GEAR/PGW xxx                                          | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-c     | HDM Technology (Thailand) Co.,Ltd.            | HDM-CKS Fully Synthetic high and low temperature EP Gear Oil xxx | x             |                                    |                        |                                 |                              |
| 24.06.2024 | D-abcg  | Tabelle / Table D-abcg                        | Tabelle / Table D-abcg                                           |               |                                    |                        | Tabelle entfernt                |                              |
| 24.06.2024 | D-abcg  | Klüber                                        | Klübersynth GEM 4 - 680 N                                        |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-c     | Addinol                                       | Eco Gear xxx S                                                   |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-a     | Addinol                                       | Eco Gear xxx M                                                   |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-a     | Pertamina Lubricants                          | MASRI FLG xxx                                                    |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-c     | PETROGAL                                      | GALP TRANSGEAR SY FA xxx                                         |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-a     | PETROGAL                                      | GALP TRANSGEAR FA xxx                                            |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-a     | Petrol Ofisi                                  | Gravis MP xxx                                                    |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-a     | HINDUSTAN PETROLEUM                           | PARTHAN EP XXX MA                                                |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-a     | Engen Petroleum Ltd.                          | Engen Gengear XEP xxx                                            |               |                                    | x                      |                                 |                              |
| 24.06.2024 | A-g     | Repsol                                        | MAKER SUPER TAURO GT 320                                         | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-c     | LPC Hellas SA                                 | CYCLON TITANUS EP SYNPAO XXX                                     | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-c     | ADNOC Distribution                            | ADNOC Industrial Gear Oil FL PA xxx                              | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-g     | Francool Technology (Guangdong) Co., Ltd.     | AP SHC xxx Fully Synthetic Wind Power Gear Oil                   | x             |                                    |                        |                                 |                              |
| 24.06.2024 | A-c     | Fuchs                                         | Renolin Unisyn CLP XXX                                           | x             |                                    |                        | Viskositätsangaben aktualisiert |                              |
| 24.06.2024 | E-g     | TotalEnergies Lubrifiants                     | Aurella XL 4040                                                  |               |                                    | x                      |                                 |                              |
| 24.06.2024 | E-g     | TotalEnergies Lubrifiants                     | Disola MT 40                                                     |               |                                    | x                      |                                 |                              |
| 24.06.2024 | E-g     | TotalEnergies Lubrifiants                     | Disola M 4015                                                    |               |                                    | x                      |                                 |                              |

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|------------|-------------------------------|-------------------------------------------------------|-------------------------------------------------------|---------------|------------------------------------|------------------------|---------------------------------|---------------------------------------|
| 24.06.2024 | A-a                           | Balmer Lawrie                                         | Balmerol Protogear AM xxx                             |               |                                    | x                      |                                 |                                       |
| 24.06.2024 | A-c                           | GS Caltex Corporation                                 | Kixx Gear EP SL XXX                                   | x             |                                    |                        |                                 |                                       |
| 24.06.2024 | A-a                           | GS Caltex Corporation                                 | Kixx Gear EP ML XXX                                   | x             |                                    |                        |                                 |                                       |
| 24.06.2024 | A-a                           | Brugarolas S.A.                                       | Beslux Gear XPM xxx                                   | x             |                                    |                        | Viskositätsangaben aktualisiert |                                       |
| 24.06.2024 | A-a                           | SINOPEC                                               | Great Wall AP XXX                                     | x             |                                    |                        |                                 | Great Wall AP Industrial Gear Oil XXX |
| 29.09.2023 | A-g                           | HINDUSTAN PETROLEUM                                   | Parthan WT XXX                                        | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-g                           | Fuchs                                                 | RENOLIN PentoGear XXX WT                              | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-a                           | AXCL GULF FZC                                         | AXCL INDUSTRIAL GEAR OIL ISO VG 320 FDR               | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-c                           | Shandong Zero Mileage Lubrication Technology Co., Ltd | Zero Mileage Wind Turbine Gear Fluid XXX              | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-c                           | Nanjing Chemical Material Corp.                       | Wind Turbine Gear Oil NCMCXXX WT                      | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-c                           | Raloy Lubricantes S.A de C.V.                         | Raloy Syn-Tec Wind Turbines XXX                       |               |                                    | x                      |                                 |                                       |
| 29.09.2023 | A-c                           | Petrol Ofisi                                          | Gravis SP XXX                                         |               |                                    | x                      |                                 |                                       |
| 29.09.2023 | A-c                           | Fuchs Lubritech GmbH                                  | GEARMASTER SYN XXX                                    |               |                                    | x                      |                                 |                                       |
| 29.09.2023 | E-g                           | Fuchs                                                 | Titan Universal HD 40                                 |               |                                    | x                      |                                 |                                       |
| 29.09.2023 | A-g                           | TPI Oil (Yantai)                                      | SYNGEAR WT X-4XXX                                     | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-c                           | Hermann Bantleon GmbH                                 | AVILUB GEAR PAO XXX                                   | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-c                           | Shell                                                 | Omala S4 GXV Plus XXX                                 | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-c                           | Verkol                                                | QH QUANTOL GEAR 8XXX MP                               | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-c                           | Syneco                                                | PACEMAKER RODI SINT 220 FA                            | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-c                           | Foshan JinJian                                        | JINJIAN® WGO-XXX                                      | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | A-a                           | Petromin Corporation                                  | Gear Lube EPF XXX                                     |               |                                    | x                      |                                 |                                       |
| 29.09.2023 | A-a                           | Fuchs                                                 | RENOLIN CLP VCI XXX                                   | x             |                                    |                        |                                 |                                       |
| 29.09.2023 | E-dm                          | Fuchs Lubritech GmbH                                  | Gearmaster ECO XXX                                    |               |                                    | x                      |                                 |                                       |
| 29.09.2023 | B-b                           | Fuchs Lubritech GmbH                                  | GEARMASTER PGP XXX                                    |               |                                    | x                      |                                 |                                       |
| 29.09.2023 | A-b                           | Fuchs Lubritech GmbH                                  | GEARMASTER PGP XXX                                    |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-c                           | T&L Chemical                                          | T&L GE SYN xxx HD                                     |               |                                    |                        | T&L MST                         |                                       |
| 20.04.2023 | A-c                           | Anhui Jinde Lubrication Technology Co. LTD            | Fsephgea DW320-I extreme pressure Heavy load gear oil | x             |                                    |                        |                                 |                                       |
| 20.04.2023 | A-c                           | Sariboro PetroChemical Industry (Tian Jin) Co., LTD   | HydroSyn Alpha Industrial Gear Oil ISO VG xxx         | x             |                                    |                        |                                 |                                       |
| 20.04.2023 | A-g                           | Iconic Lubrificantes                                  | IPIRANGA SP ULTRATECH MPT xxx                         |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Citgo Petroleum Corp.                                 | Citgear WT 320                                        |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Rosneft Lubricants LLC                                | Rosneft Redutec LL xxx                                |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Repsol                                                | Super Tauro GT xxx                                    |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Neste Markkinointi Oy                                 | Neste Industrial Gear Nex EP XXX                      |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Lubrication Engineers                                 | Powergrid™ Wind Syn                                   |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | INA Maziva Ltd                                        | INA Epol HC xxx                                       |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Hangzhou Derunbao                                     | Lingwei Synthetic Gear Oil 3201                       |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Fuchs                                                 | RENOLIN PentoGear 320WT                               |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | ENI S.p.A.                                            | ENI Blasia WT 320                                     |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Hermann Bantleon GmbH                                 | Avia Gear HX xxx                                      |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-a, A-b, A-c, A-g, B-b, E-am | Chevron / Caltex / Texaco                             | Meropa ...                                            |               |                                    |                        | Marken getrennt                 |                                       |
| 20.04.2023 | A-g                           | LOTOS S.A.                                            | AEROMIL SYNTHETIC CLP 320                             |               |                                    |                        | ORLEN OIL                       |                                       |
| 20.04.2023 | A-c                           | Suzhou Glory MileStone                                | GMW WIND SYN XXX                                      | x             |                                    |                        |                                 |                                       |
| 20.04.2023 | A-c                           | Hermann Bantleon GmbH                                 | AVIA Syntogear PE XXX                                 | x             |                                    |                        |                                 |                                       |
| 20.04.2023 | A-g                           | Gazpromneft                                           | WT Reductor XXX                                       |               |                                    | x                      |                                 |                                       |
| 20.04.2023 | A-g                           | Gazpromneft                                           | Reductor F Synth-XXX                                  |               |                                    | x                      |                                 |                                       |

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|------------|---------------|----------------------------------------------------|---------------------------------------------------------------|---------------|------------------------------------|------------------------|-----------------------------------------------|------------------------------|
| 20.04.2023 | E-am          | Shell                                              | Omala S2 GX 150                                               |               |                                    | x                      |                                               |                              |
| 14.12.2022 | B-a           | Tabelle / Table B-a                                | Tabelle / Table B-a                                           |               |                                    |                        | Tabelle entfernt (leer)                       |                              |
| 14.12.2022 | B-a           | Castrol                                            | Optigear BM XXX                                               |               |                                    | x                      |                                               |                              |
| 14.12.2022 | A-c           | Hermann Bantleon GmbH                              | AVIA Syntogear PE XXX                                         |               |                                    | x                      |                                               |                              |
| 14.12.2022 | A-c           | Klüber                                             | Klübersynth MEG 4-XXX                                         | x             |                                    |                        |                                               |                              |
| 14.12.2022 | A-a           | Olma d.o.o                                         | OLMAREDOL FL XXX                                              | x             |                                    |                        | Viskositätsangaben aktualisiert               |                              |
| 14.12.2022 | E-am          | TotalEnergies Lubrifiants                          | Carter EP 150                                                 |               |                                    | x                      |                                               |                              |
| 14.12.2022 | A-ef, B-e     | BASF SE                                            | Plurasafe GL FG xxx                                           |               |                                    |                        | Neuer Produktinhaber: Setral                  |                              |
| 14.12.2022 | A-a, A-b, A-c | BayWa AG                                           | Tectrol ...                                                   |               |                                    |                        | Logo aktualisiert                             |                              |
| 14.12.2022 | A-a           | Tongyi Petroleum                                   | TONGYI TERRICA Micropitting Resistant Gear Oil XXX            | x             |                                    |                        |                                               |                              |
| 14.12.2022 | A-c           | Xinjiang Jinxuechi Technology Co., Ltd.            | Synnosynth LY PAO 320                                         | x             |                                    |                        |                                               |                              |
| 14.12.2022 | K             | Tabelle / Table K                                  | Tabelle / Table K                                             |               |                                    |                        | Kupplungstyp geändert in 'ZAPEX-Kupplung'     |                              |
| 14.12.2022 | K             | Siemens                                            | Flender Hochleistungsfett                                     |               |                                    |                        | Flender                                       |                              |
| 14.12.2022 | A-c           | TUPO LUBRICANT CO., LTD.                           | TOPT Micropitting Resistant Synthetic Heavy Duty Gear Oil XXX | x             |                                    |                        |                                               |                              |
| 14.12.2022 | A-c           | PetroChina Lubricant Company                       | KunLun KPM/S Synthetic Heavy-duty Industrial Gear Oil XXX     | x             |                                    |                        |                                               |                              |
| 14.12.2022 | A-a           | PetroChina Lubricant Company                       | KunLun KPM Heavy-duty Industrial Gear Oil XXX                 | x             |                                    |                        |                                               |                              |
| 14.12.2022 | A-g           | SK Lubricants Co Ltd                               | ZIC ECO WIND GEAR Y xxx                                       | x             |                                    |                        |                                               |                              |
| 14.12.2022 | A-g           | Ellis Enterprises B.V.                             | Valvoline E.P.G. SXXX                                         | x             |                                    |                        |                                               |                              |
| 14.12.2022 | A-c           | JingYi New Material Technology (Shanghai) Co., LTD | Synlube Gear JYE XXX                                          | x             |                                    |                        |                                               |                              |
| 14.12.2022 | A-c           | Engen Petroleum Ltd.                               | Gengear SPL A-XXX                                             |               |                                    | x                      |                                               |                              |
| 21.07.2022 | A-g           | Tabelle / Table A-g                                | Tabelle / Table A-g                                           |               |                                    |                        | Grundöltyp geändert in 'teilsynthetisches Öl' |                              |
| 21.07.2022 | A-b; B-b      | BASF SE                                            | Plurasafe GL PG xxx                                           |               |                                    |                        | Neuer Produktinhaber: Setral                  |                              |
| 21.07.2022 | D-abcg        | ExxonMobil                                         | Mobil Gear SHC 680 OH                                         |               |                                    | x                      |                                               |                              |
| 21.07.2022 | A-a           | Verkol                                             | COMPOUND MP XXX                                               |               |                                    |                        | Logo aktualisiert                             |                              |
| 21.07.2022 | A-c           | HINDUSTAN PETROLEUM                                | PARTHAN SL XXX                                                | x             |                                    |                        |                                               |                              |
| 21.07.2022 | A-g           | ORLEN OIL                                          | Transgear PE-XXX                                              | x             |                                    |                        |                                               |                              |
| 21.07.2022 | A-c           | Chevron                                            | Meropa EliteSyn WL XXX                                        | x             |                                    |                        | Viskositätsangaben aktualisiert               |                              |
| 21.07.2022 | A-c           | Repsol                                             | Super Tauro Sintetico XXX                                     |               |                                    |                        |                                               | MAKER SUPER TAURO SYNTH XXX  |
| 21.07.2022 | A-c           | Shanghai Kroneseder Jama Petroleum Group Co., Ltd  | Fully synthetic gear oil for Wind power ***WT                 | x             |                                    |                        |                                               |                              |
| 21.07.2022 | A-c           | Qingdao Lubemater                                  | Lubemater CF-20 Gear - VGxxx                                  | x             |                                    |                        |                                               |                              |
| 24.03.2022 | A-c           | Syneco                                             | PACEMAKER RODI SINT 220 F                                     | x             |                                    |                        |                                               |                              |
| 24.03.2022 | A-a           | Tongyi Petroleum                                   | Micropitting Resistant Industrial ...                         |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-a           | Verkol                                             | GEAROIL CKC XXX                                               |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-a           | Eni                                                | Eni Blasia FMP xxx                                            |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-c           | BASF SE                                            | Emgard EP XE xxx                                              |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-c           | ExxonMobil                                         | Mobil SHC Elite XXX                                           |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-c           | Raj Petro Specialities                             | ONWO Synthetic Gear Oil XXX                                   |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-c           | Phillips 66                                        | SYNCON® WTL 320                                               |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-c           | Gulf Oil International                             | Gulf EP Lubricant SY XXX                                      |               |                                    |                        |                                               | GULF GEARTEK SY xxx          |
| 24.03.2022 | A-c           | Caltex Australia Ltd                               | Gearlube SF xxx                                               |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-a           | Klüber                                             | Klüberoil GEM 1 - xxx N                                       |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-a           | SINOPEC                                            | Great wall 4407 Heavy-Duty Industrial Gear Oil xxx            |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-a           | Shanghai Hitecrun                                  | HITECSYN MMP xxx                                              |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-a           | Chevron                                            | Meropa XL 1000                                                |               |                                    | x                      |                                               |                              |
| 24.03.2022 | A-g           | PetroChina Lubricant Company                       | Kunlun FD3000N-D Gear Oil xxx                                 | x             |                                    |                        |                                               |                              |
| 24.03.2022 | A-c           | Changsha Univic Petrochemical                      | ZC6483W Industrial Gear Oil xxx                               | x             |                                    |                        |                                               |                              |

| Datum      | Tabelle | Marke                                                     | Schmierstoffname                                                              | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in                                           | Schmierstoffname geändert in  |
|------------|---------|-----------------------------------------------------------|-------------------------------------------------------------------------------|---------------|------------------------------------|------------------------|-------------------------------------------------------------|-------------------------------|
| 24.03.2022 | A-c     | Tongyi Petroleum                                          | TONGYI TERRICA Micropitting Resistant Synthetic Gear Oil xxx                  | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | PetroChina Lubricant Company                              | KunLun FD3000N+ Gear Oil xxx                                                  | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | BEICHEM                                                   | Berubynth GPX xxx                                                             | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | Tongyi Petroleum                                          | TONGYI TERRICA WT 320                                                         | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | PetroChina Lubricant Company                              | KunLun FD3000N-C Gear Oil xxx                                                 | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | LAAPSA                                                    | OMNIGEAR SEP 4 FLX xxx                                                        | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | Gulf Oil International                                    | GULF GEARTEK SY xxx                                                           | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | LEANON Petroleum Technology Co., Ltd.                     | LEANON Fully synthetic industrial gear oil - xxx                              | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | FUDIS                                                     | FDS FC xxx Gear Oil                                                           | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-a     | Verkol                                                    | COMPOUND MP-xxx                                                               | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | PetroChina Lubricant Company                              | KunLun FD3000N-B Gear Oil xxx                                                 | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | GS Caltex Corporation                                     | Kixx Gear EP S xxx                                                            | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-a     | Sunoco Lubricants                                         | SUNOCO SUNEP MPT GEAR OIL Mxxx                                                | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | PTT Oil and Retail Business Public Company Limited        | DRIVERA SYNTHETIC S-150                                                       | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | SK Lubricants Co Ltd                                      | ZIC ECO WIND GEAR xxx                                                         | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | Qingdao Copton Technology Co., Ltd.                       | SSHC xxx Synthetic Industrial Gear Oil                                        | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | NMCS (Liaoning) Energy Co.,Ltd                            | NMCS CCE xxx Synthetic Resisting Micropitting Industrial Gear Oils            | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | Grupa LOTOS S.A                                           | TRANSMIL SYNTHETIC xxx                                                        | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-c     | Calumet Branded Products, LLC                             | Bel-Ray® Synthetic Gear Oil xxx                                               | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-a     | Hermann Bantleon GmbH                                     | AVIA GEAR RSX-F xxx                                                           | x             |                                    |                        |                                                             |                               |
| 24.03.2022 | A-a     | Advanced Lubrication Specialties, Inc.                    | ADVANTAGE AMP GEAR OIL xxx                                                    | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | A-c     | Zhejiang Molube New Material Co., Ltd.                    | ElastGear S xxx F Industrial Gear Oil                                         | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | A-c     | Habot Oil (Pty) Ltd                                       | HABOT H-3000 UP Plus series xxx                                               | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | A-c     | Synnex Oil Co.,LTD                                        | SYN-GARD XHPS xxx Extra Industrial Gear Oil                                   | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | A-c     | Setral S.à.r.l. / Setral Chemie GmbH                      | SYN-setral-GEAR xxx N                                                         | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | A-c     | TotalEnergies Lubrifiants                                 | CARTER XSH xxx                                                                | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | A-c     | Shanghai HITECRUN Specialty Lubricants Technology Co.,Ltd | HITECSYN SMP Series Synthetic Resisting Micropitting Industrial Gear Oils xxx | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | A-c     | Xinjiang FLYC`OIL Co.,Ltd.                                | Gear oils for industrial enclosed gear system xxx                             | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | A-c     | Synolux Specialty Lub.                                    | Synolux Omega WD xxx                                                          |               |                                    | x                      |                                                             |                               |
| 21.07.2021 | A-c     | HINDUSTAN PETROLEUM                                       | Parthan EP SA xxx                                                             |               |                                    | x                      |                                                             |                               |
| 21.07.2021 | A-c     | BASF                                                      | Emgard Wind P 320                                                             |               |                                    | x                      |                                                             |                               |
| 21.07.2021 | A-a     | Mosil Lubricants                                          | Gearlube SP-eXXX                                                              |               |                                    | x                      |                                                             |                               |
| 21.07.2021 | A-c     | Lubritech Limited                                         | GRANTT Fully Synth. Gear Oil CKT xxx                                          |               |                                    |                        |                                                             | GRANTT Synogear Super CKT xxx |
| 21.07.2021 | A-g     | Gulf Oil International                                    | Gulf EP Lubricant SHD xxx                                                     |               |                                    |                        |                                                             | Gulf GEARTEK SHD xxx          |
| 21.07.2021 | A-a     | Gulf Oil International                                    | Gulf Gear WT xxx                                                              |               |                                    |                        |                                                             | Gulf GEARTEK WT xxx           |
| 21.07.2021 | A-c     | Lukoil Lubricants                                         | Lukoil Steelo S xxx                                                           |               |                                    |                        |                                                             | Lukoil Steelo Synth xxx       |
| 21.07.2021 | A-a     | Fuchs                                                     | Renolin CLP Plus xxx                                                          |               |                                    |                        |                                                             | Renolin CLP xxx Plus          |
| 21.07.2021 | K       | TotalEnergies Lubrifiants                                 | Multis EP 00                                                                  | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | H       | TotalEnergies Lubrifiants                                 | Multis EP 2 (Spray)                                                           | x             |                                    |                        |                                                             |                               |
| 21.07.2021 | H       | ExxonMobil                                                | Mobiltemp SHC100                                                              |               |                                    | x                      | nur für bei Siemens produzierte Getriebemotoren freigegeben |                               |
| 21.07.2021 | H       | Klüber                                                    | Petamo GHY 133 N                                                              |               |                                    | x                      | nur für bei Siemens produzierte Getriebemotoren freigegeben |                               |

| Datum      | Tabelle                | Marke                                       | Schmierstoffname                                    | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in                                           | Schmierstoffname geändert in |
|------------|------------------------|---------------------------------------------|-----------------------------------------------------|---------------|------------------------------------|------------------------|-------------------------------------------------------------|------------------------------|
| 21.07.2021 | A-c                    | Anshan Haihua Oil Grease Chemical Co., Ltd. | Lubricants for wind turbine: Gearbox oils xxx       |               |                                    |                        | Liaoning Haihua Technology Co., Ltd.                        |                              |
| 21.07.2021 | A-a, A-c, E-g, E-am, H | Total Lubrifiants                           |                                                     |               |                                    |                        | TotalEnergies Lubrifiants                                   |                              |
| 21.07.2021 | A-b, B-b               | Fuchs Lubritech                             | Gearmaster PGP 150                                  | x             |                                    |                        | Viskositätsangaben korrigiert                               |                              |
| 21.07.2021 | A-c                    | Castrol                                     | Alphasyn EP 150                                     | x             |                                    |                        | Viskositätsangaben korrigiert                               |                              |
| 29.03.2021 | A-g                    | Rosneft Lubricants LLC                      | Rosneft Redutec LL xxx                              | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-g                    | IPIRANGA                                    | IPIRANGA SP ULTRATECH MPT xxx                       |               |                                    |                        | Iconic Lubrificantes                                        |                              |
| 29.03.2021 | A-c                    | Hangzhou Derunbao                           | Lingwei Synthetic Gear Oil 3202 ISO VG xxx          | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-a                    | Pertamina                                   | MASRI SUPER FLG xxx                                 |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | PANOLIN AG                                  | GEAR CLP FL xxx                                     |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Lukoil Lubricants                           | Lukoil Steelo xxx                                   |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Indian Oil                                  | Servomesh Gold 680                                  | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-a                    | GMERI(Guangyan)                             | GMERI(Guangyan) CH Gear oil xxx                     |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Chevron                                     | Gearlube F 320                                      |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Bantleon                                    | AVIA GEAR RSX-F xxx                                 |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | JAX Inc.                                    | JAX H-P Industrial Gear Oil xxx                     | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-a                    | Aegean Oil SA                               | VALESCO EP 680                                      | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-a                    | SINOPEC                                     | Great Wall AP 680                                   |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Raloy Lubricantes S.A de C.V.               | Raloy Wind Turbines 680                             |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | OMV Refining & Marketing                    | OMV gear HST xxx                                    |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Motorex                                     | YORK GEAR COMPOUND PLUS xxx                         | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-a                    | Motorex                                     | GEAR COMPOUND PLUS ISO xxx                          |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Exxon Mobil                                 | Mobilgear 600 XP 100                                |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Gulf Oil International                      | Gulf Gear WT 150 & 680                              | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-a                    | Fuchs Lubritech                             | GEARMASTER HPGO xxx                                 |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Fuchs                                       | RENOLIN CLP Plus 680                                |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Fuchs                                       | RENOLIN HighGear 150                                | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-a                    | Cogelsa                                     | ULTRAGEAR EP 680                                    |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Castrol                                     | Alpha SP 680                                        |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-a                    | Balmer Lawrie                               | Balmerol Protogear AM xxx                           |               |                                    |                        | Viskositätsangaben korrigiert                               |                              |
| 29.03.2021 | B-b                    | Q8 Kuwait Petroleum                         | Q8 Gade SF xxx                                      |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | B-b                    | Fuchs Lubritech                             | GEARMASTER PGP 1000                                 |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | B-b                    | Fuchs                                       | Renolin PG 150                                      | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | B-b                    | Fuchs                                       | Renolin PG 1000                                     |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | B-e                    | Castrol                                     | Tribol FoodProof 1800 / xxx                         |               |                                    | X                      | nur für bei Siemens produzierte Getriebemotoren freigegeben |                              |
| 29.03.2021 | A-b, B-b               | Castrol                                     | Optigear Synthetic 1300 / xxx                       |               |                                    | X                      | nur für bei Siemens produzierte Getriebemotoren freigegeben |                              |
| 29.03.2021 | A-b, A-ef              | Castrol                                     | Optileb GT 1800 / xxx                               |               |                                    | X                      | nur für bei Siemens produzierte Getriebemotoren freigegeben |                              |
| 29.03.2021 | A-b, B-b               | Castrol                                     | Tribol 1300 / xxx                                   |               |                                    | X                      | nur für bei Siemens produzierte Getriebemotoren freigegeben |                              |
| 29.03.2021 | A-b, B-b               | Motorex                                     | MOTOREX GEARSYNT PG xxx                             |               |                                    |                        |                                                             | GLYCO GEAR xxx               |
| 29.03.2021 | A-g                    | Petrol Ofisi                                | Gravis SP-X xxx                                     | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-g                    | TSI Supercool                               | Aira 320                                            |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-g                    | Starfire                                    | Zephyrus 320                                        |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-g                    | Royal Purple, LLC                           | Gear Oil 320                                        |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-g                    | Lukoil                                      | Steelo Premium xxx                                  |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-g                    | Hicks Oils & Hicksgas                       | Venom® Wind Turbine Oil ISO 320                     |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-c                    | TPI Oil (Yantai)                            | SYNGEAR PREMIUM 4000 Series Industrial Gear Oil xxx | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-c                    | Shenzhen Derill                             | Derill Gear Oil GL xxx                              | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-c                    | Exxon Mobil                                 | Mobil SHC 639                                       |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-c                    | Vickers Oil                                 | VICKERLUBE SYNGEAR xxx                              | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-c                    | Whitmore                                    | DECATHLON™ F xxx                                    | X             |                                    |                        |                                                             |                              |
| 29.03.2021 | A-c                    | OMV Petrol Ofisi                            | Gravis SP 150                                       |               |                                    |                        | Petrol Ofisi                                                |                              |
| 29.03.2021 | A-c                    | ExxonMobil                                  | Mobil SHC Gear 680                                  |               |                                    | X                      |                                                             |                              |
| 29.03.2021 | A-c                    | Engen Petroleum Ltd.                        | Gengear SPL A-150                                   | X             |                                    |                        |                                                             |                              |

| Datum      | Tabelle                                                | Marke                         | Schmierstoffname                             | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in                 | Schmierstoffname geändert in |
|------------|--------------------------------------------------------|-------------------------------|----------------------------------------------|---------------|------------------------------------|------------------------|-----------------------------------|------------------------------|
| 29.03.2021 | A-c                                                    | BASF                          | TECTROL GEAR CLP SYN 320                     |               |                                    | X                      |                                   |                              |
| 05.11.2020 | A-c                                                    | T&L Chemical                  | T&L GE SYN xxx HD                            | X             |                                    |                        |                                   |                              |
| 05.11.2020 | A-c                                                    | Petronas                      | Petronas Gear SYN mPAO xxx                   | X             |                                    |                        |                                   |                              |
| 05.11.2020 | A-c                                                    | Jiangsu Lopal                 | Ultra Power xxx                              | X             |                                    |                        |                                   |                              |
| 05.11.2020 | A-g                                                    | Repsol                        | Super Tauro GT xxx                           | X             |                                    |                        |                                   |                              |
| 05.11.2020 | A-a                                                    | Lukoil / LLC LK International | Lukoil Steelo Plus xxx                       | X             |                                    |                        |                                   |                              |
| 05.11.2020 | A-c                                                    | Jiangsu Lopal                 | Lopal Wind Power xxx                         | X             |                                    |                        |                                   |                              |
| 05.11.2020 | A-a                                                    | Bharat Petroleum Corp. Ltd.   | MAK AMOCAM PLUS 680                          |               |                                    | X                      |                                   |                              |
| 29.05.2020 | A-a                                                    | Hangzhou Derunbao             | Lingwei Synthetic Gear Oil 3201              |               |                                    | X                      | Öl in richtige Tabelle verschoben |                              |
| 29.05.2020 | A-g                                                    | Hangzhou Derunbao             | Lingwei Synthetic Gear Oil 3201              | X             |                                    |                        | Öl in richtige Tabelle verschoben |                              |
| 12.03.2020 | A-a                                                    | HINDUSTAN PETROLEUM           | Parthan ML 1000                              |               |                                    | X                      |                                   |                              |
| 04.11.2019 | A-a                                                    | Hangzhou Derunbao             | Lingwei Synthetic Gear Oil 3201              | X             |                                    |                        |                                   |                              |
| 08.08.2019 | A-b, B-b                                               | Chevron                       | Meropa Elitesyn WS                           | X             |                                    |                        |                                   |                              |
| 07.08.2019 | A-a                                                    | Hermann Bantleon GmbH         | Avilub Gear RSX-F xxx                        |               |                                    |                        |                                   | AVIA GEAR RSX-F xxx          |
| 16.07.2019 | A-c                                                    | Chevron                       | Meropa EliteSyn WL                           | X             |                                    |                        |                                   |                              |
| 16.07.2019 | E-am                                                   | Chevron                       | Meropa MG                                    | X             |                                    |                        |                                   |                              |
| 16.07.2019 | A-a                                                    | Balmer Lawrie                 | Balmerol Protogear AM XXX                    | X             |                                    |                        |                                   |                              |
| 16.07.2019 | A-g                                                    | Neste Markkinointi Oy         | Neste Industrial Gear Nex EP XXX             | X             |                                    |                        |                                   |                              |
| 16.07.2019 | B-b                                                    | BASF                          | Plurasafe GL PG xxx                          | X             |                                    |                        |                                   |                              |
| 16.07.2019 | B-b                                                    | BASF                          | Plurasafe GL Plus xxx                        |               |                                    | X                      |                                   |                              |
| 16.07.2019 | A-a                                                    | Chevron                       | Meropa MG                                    | X             |                                    |                        |                                   |                              |
| 16.07.2019 | A-b, B-b                                               | Bucher AG                     | MOTOREX GEARSYNT PG XX                       | X             |                                    |                        |                                   |                              |
| 16.07.2019 | A-c                                                    | PTT Oil and Retail Business   | Drivera Synthetic S 150                      | X             |                                    |                        |                                   |                              |
| 16.07.2019 | A-c                                                    | PTT Public Company            | PTT Drivera Synthetic S                      |               |                                    |                        | PTT Oil and Retail Business ...   | Drivera Synthetic S          |
| 18.06.2019 | A-c                                                    | Hermann Bantleon GmbH         | Avilub Gear SF XXX                           | X             |                                    |                        |                                   |                              |
| 17.04.2019 | A-g                                                    | MOL-LUB Ltd                   | MOL Ultrans Synt HC XXX                      | X             |                                    |                        |                                   |                              |
| 17.04.2019 | A-g                                                    | LOTOS S.A.                    | AEROMIL SYNTHETIC CLP 320                    | X             |                                    |                        |                                   |                              |
| 18.03.2019 | A-c                                                    | Hermann Bantleon GmbH         | Avilub Gear SX XXX                           | X             |                                    |                        | AVIA SYNTOGear PE XXX             |                              |
| 18.03.2019 | A-c                                                    | Hermann Bantleon GmbH         | Avilub Gear SX XXX                           | X             |                                    |                        |                                   |                              |
| 26.02.2019 | A-a                                                    | Pertamina Lubricants          | MASRI FLG xxx                                | X             |                                    |                        |                                   |                              |
| 25.02.2019 | A-g                                                    | Gulf Oil International        | Gulf EP Lubricant SHD xxx                    | X             |                                    |                        |                                   |                              |
| 21.02.2019 | A-a                                                    | Klüber                        | Klüberoil GEM 1 N 1000                       |               |                                    | X                      |                                   |                              |
| 28.01.2019 | Links aktualisiert, Schmierstofftabelle D-abcg ergänzt |                               |                                              |               |                                    |                        |                                   |                              |
| 20.12.2018 | A-c                                                    | PANOLIN AG                    | TECSYNTH FL                                  |               |                                    | X                      |                                   |                              |
| 20.12.2018 | A-c                                                    | ORLEN OIL                     | TRANSGEAR PE xxx                             |               |                                    | X                      |                                   |                              |
| 20.12.2018 | A-c                                                    | Hermann Bantleon GmbH         | Avilub Gear SX XXX                           |               |                                    | X                      |                                   |                              |
| 20.12.2018 | A-c                                                    | Bel-Ray                       | Synthetic Gear Oil xxx                       |               |                                    | X                      |                                   |                              |
| 20.12.2018 | A-a                                                    | STATOIL                       | Loadway EP XXX                               |               |                                    | X                      |                                   |                              |
| 20.12.2018 | A-b                                                    | BASF SE                       | Plurasafe GL Plus xxx                        |               |                                    | X                      |                                   |                              |
| 20.12.2018 | A-b                                                    | Kuwait Petroleum              | Q8 Gade SF XXX                               |               |                                    | X                      |                                   |                              |
| 11.12.2018 | A-a                                                    | Brugarolas S.A.               | Beslux Gear XPM xxx                          | X             |                                    |                        |                                   |                              |
| 30.11.2018 | A-g                                                    | Hermann Bantleon GmbH         | Avia Gear HX xxx                             | X             |                                    |                        |                                   |                              |
| 30.11.2018 | A-a                                                    | Lukoil                        | Lukoil Steelo HST 150 & 1000                 |               |                                    | X                      |                                   |                              |
| 30.10.2018 | A-b                                                    | Fuchs Lubritech GmbH          | Gearmaster PGP 680                           |               |                                    | X                      |                                   |                              |
| 17.10.2018 | K                                                      | Castrol                       | CLS Grease                                   |               |                                    | X                      |                                   |                              |
| 24.08.2018 | A-g                                                    | Gazpromneft                   | Gazpromneft WT Reductor                      | X             |                                    |                        |                                   |                              |
| 24.08.2018 | A-g                                                    | Gazpromneft                   | Reductor F Synth 150<br>Reductor F Synth 220 | X             |                                    |                        |                                   |                              |
| 24.08.2018 | A-g                                                    | Chevron                       | Meropa EliteSyn XM                           | X             |                                    |                        |                                   |                              |
| 22.08.2018 | A-a                                                    | PTT Public Company            | PTT Drivera SF XXX                           |               |                                    |                        | PTT Oil and Retail                | Drivera SF XXX               |
| 13.08.2018 | A-a                                                    | OMV Refining & Marketing      | OMV gear HST XXX                             |               |                                    |                        | Lukoil                            | Lukoil Steelo HST            |
| 13.08.2018 | A-b                                                    | BASF SE                       | Plurasafe GL PG xxx                          | X             |                                    |                        |                                   |                              |
| 13.08.2018 | A-b                                                    | Fuchs Schmierstoffe           | Renolin PG 1000                              |               |                                    | X                      |                                   |                              |
| 13.08.2018 | A-b                                                    | Fuchs Schmierstoffe           | Renolin PG 150                               | X             |                                    |                        |                                   |                              |



| Datum      | Tabelle                                                                                                 | Marke                          | Schmierstoffname                                            | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in | Schmierstoffname geändert in     |
|------------|---------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------|---------------|------------------------------------|------------------------|-------------------|----------------------------------|
| 13.08.2018 | A-g                                                                                                     | ENI S.p.A.                     | ENI Blasia WT 320                                           | X             |                                    |                        |                   |                                  |
| 13.08.2018 | A-a                                                                                                     | Raloy Lubricantes S.A de C.V.  | Raloy Wind Turbines                                         | X             |                                    |                        |                   |                                  |
| 13.08.2018 | A-c                                                                                                     | Raloy Lubricantes S.A de C.V.  | Raloy Syn-Tec Wind Turbines                                 | X             |                                    |                        |                   |                                  |
| 13.08.2018 | A-c                                                                                                     | Caltex Australia Ltd           | Gearlube SF                                                 | X             |                                    |                        |                   |                                  |
| 13.08.2018 | A-c                                                                                                     | Shanxi Lu'an Taihang Lubricant | Taihang Gear WT                                             | X             |                                    |                        |                   |                                  |
| 10.07.2018 | H                                                                                                       | Fuchs                          | Renolit HI-Temp 460                                         | X             |                                    |                        |                   |                                  |
| 18.05.2018 | A-c                                                                                                     | Klüber                         | Klübersynth GEM 4 - xxx N                                   | X             |                                    |                        |                   |                                  |
| 18.05.2018 | A-c                                                                                                     | SINOPEC                        | Great Wall WT Gearbox Oil 150                               | X             |                                    |                        |                   |                                  |
| 18.05.2018 | A-c                                                                                                     | SINOPEC                        | Great Wall 4408 HD 150                                      | X             |                                    |                        |                   |                                  |
| 18.05.2018 | A-c                                                                                                     | PETROGAL                       | GALP TRANSGEAR SY FA 150                                    | X             |                                    |                        |                   |                                  |
| 08.05.2018 | A-b                                                                                                     | MOL-LUB Ltd                    | MOL Ultrans Synt WS XXX                                     |               |                                    | X                      |                   |                                  |
| 08.05.2018 | B-b                                                                                                     | MOL-LUB Ltd                    | MOL Ultrans Synt WS XXX                                     |               |                                    | X                      |                   |                                  |
| 26.03.2018 | Hinweis auf Typenschildangaben ergänzt, Getriebemotoren aus Geltungsbereich der Tabellen herausgenommen |                                |                                                             |               |                                    |                        |                   |                                  |
| 23.03.2018 | A-g                                                                                                     | Indian Oil Corporation Ltd     | Servomesh WEG 320                                           | X             |                                    |                        |                   |                                  |
| 14.03.2018 | A-e                                                                                                     | Bremer & Leguill GmbH          | RIVOLTA S.G.L. XXX                                          | X             |                                    |                        |                   |                                  |
| 24.01.2018 | A-c                                                                                                     | BASF                           | Emgard Wind P 220<br>Emgard Wind P 460<br>Emgard Wind P 680 |               |                                    | X                      |                   |                                  |
| 24.01.2018 | A-c                                                                                                     | Lukoil / LLC LLK International | Lukoil Steelo S xxx                                         |               |                                    |                        |                   | Lukoil Steelo Synth xxx          |
| 24.01.2018 | A-c                                                                                                     | Lukoil / LLC LLK International | Lukoil Steelo Synth 150                                     | X             |                                    |                        |                   |                                  |
| 23.01.2018 | A-c                                                                                                     | AVIA                           | AVIA Syntogear PE XXX                                       |               |                                    | X                      |                   |                                  |
| 16.01.2018 | A-c                                                                                                     | Setral Chemie GmbH             | SYN-setral-GEAR xxx                                         |               |                                    | X                      |                   |                                  |
| 16.01.2018 | A-a                                                                                                     | Setral Chemie GmbH             | MI-setral-GEAR xxx                                          |               |                                    | X                      |                   |                                  |
| 14.12.2017 | A-g                                                                                                     | Indian Oil Corporation Ltd     | Servosynmesh Gold xxx                                       | X             |                                    |                        |                   |                                  |
| 14.12.2017 | A-c                                                                                                     | Castrol / BP Europe SE         | Optigear Synthetic PD xxx ES                                | X             |                                    |                        |                   |                                  |
| 14.12.2017 | A-g                                                                                                     | INA Maziva Ltd                 | INA Epol HC xxx                                             | X             |                                    |                        |                   |                                  |
| 28.11.2017 | A-a                                                                                                     | Aegean Oil SA                  | VALESCO EP xxx                                              | X             |                                    |                        |                   |                                  |
| 21.11.2017 | A-c                                                                                                     | HINDUSTAN PETROLEUM            | Parthan EP MA 150,680                                       | X             |                                    |                        |                   |                                  |
| 20.11.2017 | A-c                                                                                                     | Amsoil                         | Synthetic Power..EP..150                                    | X             |                                    |                        |                   |                                  |
| 20.11.2017 | A-c                                                                                                     | Anshan Haihua Oil ...          | Lubricants for wind turbine                                 | X             |                                    |                        |                   |                                  |
| 17.11.2017 | A-a                                                                                                     | Cepsa                          | ENGRANAJES XMP 150                                          |               |                                    | X                      |                   |                                  |
| 17.11.2017 | A-c                                                                                                     | Synolex Speciality Lub.        | Synolex Omega WD xxx                                        | X             |                                    |                        |                   |                                  |
| 16.11.2017 | A-g                                                                                                     | Kuwait Petroleum               | Q8 Galilei xxx                                              | X             |                                    |                        |                   |                                  |
| 14.11.2017 | E-am                                                                                                    | Shell                          | Omala S2 GX 150                                             | X             |                                    |                        |                   |                                  |
| 13.10.2017 | H                                                                                                       | Fuchs                          | RENOLIT GP X                                                | X             |                                    |                        |                   |                                  |
| 13.10.2017 | H                                                                                                       | Fuchs                          | RENOLIT FWA xxx                                             |               |                                    | X                      |                   |                                  |
| 10.10.2017 | A-a                                                                                                     | Tongyi Petroleum               | Micropitting Resistant... VG 680                            |               |                                    | X                      |                   |                                  |
| 28.09.2017 | A-g                                                                                                     | Petronas                       | Petronas Gear Syn Series XXX                                | X             |                                    |                        |                   |                                  |
| 28.09.2017 | A-g                                                                                                     | IPIRANGA                       | IPIRANGA SP ULTRATECH MPT 220                               | X             |                                    |                        |                   |                                  |
| 28.09.2017 | A-c                                                                                                     | Raj Petro Specialities         | ONWO Synthetic Gear Oil XXX                                 | X             |                                    |                        |                   |                                  |
| 28.09.2017 | A-c                                                                                                     | Petro Canada                   | Enduralex Synthetic EP 150                                  | X             |                                    |                        |                   |                                  |
| 28.09.2017 | A-a                                                                                                     | Tongyi Petroleum               | Micropitting Resistant Industrial ...                       | X             |                                    |                        |                   |                                  |
| 28.09.2017 | A-a                                                                                                     | PTT Public Company             | PTT Drivara SF XXX                                          | X             |                                    |                        |                   |                                  |
| 28.09.2017 | A-a                                                                                                     | HINDUSTAN PETROLEUM            | PARTHAN EP XXX MA                                           | X             |                                    |                        |                   |                                  |
| 28.09.2017 | A-a                                                                                                     | Petronas                       | Petronas Gear FL XXX                                        | X             |                                    |                        |                   |                                  |
| 11.09.2017 | A-c                                                                                                     | Addinol                        | Eco Gear 220 S                                              |               |                                    | X                      |                   |                                  |
| 11.09.2017 | A-a                                                                                                     | Addinol                        | Eco Gear 150 M                                              |               |                                    | X                      |                   |                                  |
| 21.07.2017 | H                                                                                                       | SRS                            | Wiolub LFK 2                                                |               |                                    | X                      |                   |                                  |
| 18.07.2017 | A-a                                                                                                     | Caltex Australia Ltd           | Gearlube F 320                                              | X             |                                    |                        |                   |                                  |
| 07.07.2017 | A-c                                                                                                     | Cogelsa                        | ULTRASYNTH EP XXX                                           | X             |                                    |                        |                   |                                  |
| 07.07.2017 | A-c                                                                                                     | Lubritech Limited              | GEP Synogear Super CKT XXX                                  |               |                                    |                        |                   | GRANTT Fully Synth. Gear Oil CKT |
| 07.07.2017 | A-c                                                                                                     | SINOPEC                        | Great Wall AP-S 150                                         | X             |                                    |                        |                   |                                  |
| 27.06.2017 | K                                                                                                       | Fuchs                          | RENOLIT SO-GFB                                              | X             |                                    |                        |                   |                                  |
| 01.06.2017 | A-a                                                                                                     | Lukoil Lubricants              | LUKOIL STEELO 680                                           | X             |                                    |                        |                   |                                  |



| Datum      | Tabelle | Marke                       | Schmierstoffname            | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in | Schmierstoffname geändert in |
|------------|---------|-----------------------------|-----------------------------|---------------|------------------------------------|------------------------|-------------------|------------------------------|
| 02.05.2017 | A-c     | BayWa AG                    | TECTROL GEAR CLP SYN 220    | X             |                                    |                        |                   |                              |
| 10.04.2017 | A-c     | BASF                        | Emgard EP XE                | X             |                                    |                        |                   |                              |
| 05.04.2017 | A-c     | Anderol                     | ANDEROL 5150 Plus           | X             |                                    |                        |                   |                              |
| 31.03.2017 | A-a     | Fuchs Lubritech             | GEARMASTER HPGO             | X             |                                    |                        |                   |                              |
| 10.03.2017 | A-c     | Qingdao Copton              | COPTON SHC Gear Series      |               |                                    | X                      |                   |                              |
| 09.03.2017 | A-a     | BP                          | Energol GR-XP               |               |                                    | X                      |                   |                              |
| 08.03.2017 | A-c     | Cogelsa                     | ULTRASYNTH EP               |               |                                    | X                      |                   |                              |
| 07.03.2017 | A-a     | Gazpromneft                 | Gazpromneft Reductor F      |               |                                    | X                      |                   |                              |
| 16.02.2017 | A-g     | IPIRANGA                    | IPIRANGA SP ULTRA. MPT XXX  | X             |                                    |                        |                   |                              |
| 15.02.2017 | A-c     | Petronas                    | Petronas Gear SYN PAO XXX   | X             |                                    |                        |                   |                              |
| 08.02.2017 | A-a     | Fuchs                       | RENOLIN CLP VCI             | X             |                                    |                        |                   |                              |
| 19.01.2017 | A-c     | Total                       | Carter SH 1000              |               |                                    | X                      |                   |                              |
| 19.01.2017 | E-g     | Shell                       | Gadina S3 SAE 40            | X             |                                    |                        |                   |                              |
| 19.01.2017 | E-g     | Shell                       | Rimula R3+40                |               | X                                  |                        |                   |                              |
| 19.01.2017 | E-g     | Shell                       | Sirius X 40                 |               | X                                  |                        |                   |                              |
| 19.01.2017 | E-g     | Shell                       | Melina 40                   |               | X                                  |                        |                   |                              |
| 19.01.2017 | E-g     | Shell                       | Gadina 40                   |               | X                                  |                        |                   |                              |
| 18.01.2017 | A-a     | Olma d.o.o                  | OLMAREDOL FL XXX            | X             |                                    |                        |                   |                              |
| 16.01.2017 | A-c     | Shell                       | Shell Omala S5 Wind 320     | X             |                                    |                        |                   |                              |
| 06.01.2017 | A-a     | Verkol                      | GEAROIL CKC XXX             | X             |                                    |                        |                   |                              |
| 05.01.2017 | A-d     | Repsol                      | Super Tauro GT 320          | X             |                                    |                        |                   |                              |
| 09.12.2016 | A-d     | Royal Purple, LLC           | Royal Purple Wind Gear 320  |               |                                    |                        |                   | Gear Oil 320                 |
| 31.10.2016 | E-g     | Aral                        | Super Kowal SAE 40          |               |                                    | X                      |                   |                              |
| 31.10.2016 | E-g     | Texaco                      | Taro 20 DP 40               |               |                                    | X                      |                   |                              |
| 26.10.2016 | A-c     | Gulf Oil International      | Gulf EP Lubricant SY 150    | X             |                                    |                        |                   |                              |
| 26.10.2016 | A-c     | Repsol                      | Super Tauro Sintetico 150   | X             |                                    |                        |                   |                              |
| 19.10.2016 | A-c     | Cepsa                       | AEROGear SYNT 220 & 460     |               |                                    | X                      |                   |                              |
| 19.10.2016 | A-ef    | PAKELO                      | No Tox Oil PG XXX           | X             |                                    |                        |                   |                              |
| 19.10.2016 | A-ef    | PAKELO                      | Allsint HS XXX              | X             |                                    |                        |                   |                              |
| 19.10.2016 | A-b     | PAKELO                      | No Tox Oil PG XXX           |               |                                    | X                      |                   |                              |
| 19.10.2016 | A-b     | PAKELO                      | Allsint HS XXX              |               |                                    | X                      |                   |                              |
| 19.10.2016 | E-dm    | Fuchs                       | Plantogear 150 S            |               | X                                  |                        |                   |                              |
| 13.10.2016 | A-c     | Indian Oil                  | Servosyngear Plus 150       | X             |                                    |                        |                   |                              |
| 10.10.2016 | A-c     | Mobil                       | Mobil SHC Elite XXX         | X             |                                    |                        |                   |                              |
| 10.10.2016 | A-c     | Bharat Petroleum Corp. Ltd. | MAK SYNGEAR 150             | X             |                                    |                        |                   |                              |
| 06.10.2016 | A-a     | Shell                       | Omala S2 GX 100             | X             |                                    |                        |                   |                              |
| 25.08.2016 | A-d     | Royal Purple, LLC           | Royal Purple Wind Gear 320  | X             |                                    |                        |                   |                              |
| 23.08.2016 | A-a     | Bharat Petroleum Corp. Ltd. | MAK Amocam Plus 680         | X             |                                    |                        |                   |                              |
| 23.08.2016 | A-a     | Bharat Petroleum Corp. Ltd. | MAK Amocam Plus 150         |               |                                    | X                      |                   |                              |
| 19.08.2016 | A-c     | Klüber                      | Klübersynth GEM 4 - 320 N   | X             |                                    |                        |                   |                              |
| 12.08.2016 | A-d     | Starfire                    | Zephyrus 320                | X             |                                    |                        |                   |                              |
| 12.08.2016 | A-d     | Fuchs                       | PLANTOGear 220 S            |               | X                                  |                        |                   |                              |
| 26.07.2016 | A-c     | Shell                       | Omala S4 GXV XXX            | X             |                                    |                        |                   |                              |
| 27.07.2016 | A-a     | Petronas                    | Petronas Gear FL XXX        | X             |                                    |                        |                   |                              |
| 18.07.2016 | A-a     | Cogelsa                     | ULTRAGEAR EP 150            |               |                                    | X                      |                   |                              |
| 13.07.2016 | A-a     | GMER(Guangyan)              | GMER(Guangyan) CH Gear oil  | X             |                                    |                        |                   |                              |
| 12.07.2016 | A-g     | Hicks Oils & Hicksgas       | Venom® Wind Turbine Oil ISO | X             |                                    |                        |                   |                              |
| 17.06.2016 | A-g     | Gazpromneft                 | Reductor F Synth-           | X             |                                    |                        |                   |                              |
| 10.06.2016 | A-g     | Lubrication Engineers       | Powergrid™ Wind Syn         | X             |                                    |                        |                   |                              |
| 10.06.2016 | A-a     | Petromin Corporation        | Gear Lube EPF XXX           | X             |                                    |                        |                   |                              |
| 02.06.2016 | A-a     | SINOPEC                     | Great Wall AP               | X             |                                    |                        |                   |                              |
| 31.05.2016 | A-c     | BASF                        | Emgard Wind P XXX           | X             |                                    |                        |                   |                              |
| 31.05.2016 | A-g     | Fuchs                       | RENOLIN PentoGear 320WT     | X             |                                    |                        |                   |                              |
| 12.05.2016 | A-g     | Lukoil Lubricants           | LUKOIL STEELO Premium       | X             |                                    |                        |                   |                              |
| 04.04.2016 | A-a     | Chevron                     | Meropa XL 680, 1000         | X             |                                    |                        |                   |                              |

| Datum      | Tabelle  | Marke                           | Schmierstoffname                                   | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in | Schmierstoffname geändert in |
|------------|----------|---------------------------------|----------------------------------------------------|---------------|------------------------------------|------------------------|-------------------|------------------------------|
| 16.03.2016 | A-a      | Total                           | CARTER EP XXX                                      | X             |                                    |                        |                   |                              |
| 25.02.2016 | A-a      | Mosil Lubricants                | Gearlube SP-eXXX                                   | X             |                                    |                        |                   |                              |
| 25.02.2016 | A-g      | TSI Supercool                   | Aira 320                                           | X             |                                    |                        |                   |                              |
| 22.02.2016 | A-a      | ENI                             | Blasia FMP XXX                                     | X             |                                    |                        |                   |                              |
| 22.02.2016 | A-a      | Shell                           | Omala S2 GX XXX                                    | X             |                                    |                        |                   |                              |
| 08.02.2016 | A-g      | Citgo Petroleum Corp.           | Citgear WT 320                                     | X             |                                    |                        |                   |                              |
| 20.01.2016 | A-a      | Shanghai Hitecrun               | HITECSYN MMP XXX                                   | X             |                                    |                        |                   |                              |
| 24.11.2015 | A-c      | Lukoil Lubricants               | OMV Gear SHG XXX                                   |               |                                    |                        |                   | Lukoil Steelo S XXX          |
| 10.11.2015 | A-ef     | Castrol performance             | Tribol FoodProof 1800 / XXX                        |               |                                    |                        |                   | Optileb GT 1800 / XXX        |
| 11.09.2015 | H        | Castrol                         | BioTac MP                                          | X             |                                    |                        |                   |                              |
| 11.09.2015 | H        | Castrol                         | Biogrease EP 2                                     |               |                                    | X                      |                   |                              |
| 11.09.2015 | H        | Castrol                         | Obeen UF 3                                         |               |                                    | X                      |                   |                              |
| 11.09.2015 | H        | Castrol                         | Obeen UF 2                                         |               |                                    |                        |                   | Optileb GR UF 2              |
| 11.09.2015 | H        | Castrol                         | Longtime PD 2                                      |               |                                    |                        |                   | Tribol GR 100-2 PD           |
| 11.09.2015 | H        | Castrol                         | Tribol 4020/220-2                                  |               |                                    |                        |                   | Tribol GR 4020/220-2         |
| 03.08.2015 | K        | Tabelle K hinzu / table K added |                                                    |               |                                    |                        |                   |                              |
| 23.07.2015 | H        | Mobil                           | Mobiltemp SHC100                                   |               | X                                  |                        |                   |                              |
| 23.07.2015 | H        | Klüber                          | Petamo GHY 133 N                                   |               | X                                  |                        |                   |                              |
| 21.07.2015 | A-c      | Fuchs                           | RENOLYN UNISYN XT XXX                              | X             |                                    |                        |                   |                              |
| 21.07.2015 | A-c      | SINOPEC                         | Great Wall 4408 HD XXX                             | X             |                                    |                        |                   |                              |
| 20.07.2015 | A-a      | HINDUSTAN PETROLEUM             | PARTHAN EP XXX MA                                  | X             |                                    |                        |                   |                              |
| 17.07.2015 | A-b      | Castrol performance             | Optileb GT 1800 / XXX                              |               | X                                  |                        |                   |                              |
| 06.07.2015 | A-a      | OMV Refining & Marketing        | OMV gear HAST XXX                                  |               |                                    |                        |                   | OMV gear HST                 |
| 16.06.2015 | A-b, B-b | Castrol performance             | Optigear Synthetic 1300 / XXX                      |               | X                                  |                        |                   |                              |
| 16.06.2015 | A-ef     | Castrol performance             | Tribol FoodProof 1800 / XXX                        |               | X                                  |                        |                   |                              |
| 11.06.2015 | A-a      | Fuchs                           | RENOLIN HighGear XXX                               | X             |                                    |                        |                   |                              |
| 11.06.2015 | A-b      | PAKELO                          | No Tox Oil PG XXX                                  | X             |                                    |                        |                   |                              |
| 11.06.2015 | A-b      | PAKELO                          | Allsint HS XXX                                     | X             |                                    |                        |                   |                              |
| 30.04.2015 | A-d      | Fuchs                           | PLANTOGear 320 S                                   |               | X                                  |                        |                   |                              |
| 22.04.2015 | A-c      | BASF                            | Emgard Wind P XXX                                  | X             |                                    |                        |                   |                              |
| 09.03.2015 | A-c      | BASF                            | Emgard Gear Ultra XXX                              |               |                                    | X                      |                   |                              |
| 05.03.2015 | A-a      | Total                           | CARTER EP XXX                                      |               |                                    | X                      |                   |                              |
| 05.03.2015 | A-a      | STATOIL                         | Loadway EP XXX                                     | X             |                                    |                        |                   |                              |
| 05.03.2015 | A-c      | Qingdao Copton Techn.           | COPTON SHC Gear Series XXX                         | X             |                                    |                        |                   |                              |
| 23.01.2015 | A-a      | BayWa AG                        | Tectrol Gear CLP Plus XXX                          | X             |                                    |                        |                   |                              |
| 20.01.2015 | A-b, B-b | Q8 Kuwait Petroleum             | Q8 Gade SF XXX                                     | X             |                                    |                        |                   |                              |
| 20.01.2015 | A-a      | Q8 Kuwait Petroleum             | Q8 Goya NT XXX                                     |               |                                    | X                      |                   |                              |
| 19.01.2015 | A-c      | SINOPEC                         | Great Wall WT Gearbox Oil XXX                      | X             |                                    |                        |                   |                              |
| 19.01.2015 | A-c      | Bantleon                        | Avilub Gear SX XXX                                 | X             |                                    |                        |                   |                              |
| 19.01.2015 | A-c      | Gulf Oil International          | Gulf EP Lubricant SY XXX                           | X             |                                    |                        |                   |                              |
| 16.01.2015 | A-a      | SINOPEC                         | Great wall 4407 Heavy-Duty Industrial Gear Oil XXX | X             |                                    |                        |                   |                              |
| 09.01.2015 | A-c      | MOTOREX                         | GEAR SINTEC CLP 680                                | X             |                                    |                        |                   |                              |
| 09.01.2015 | A-c      | MOTOREX                         | GEAR SINTEC CLP 150                                |               |                                    | X                      |                   |                              |
| 08.01.2015 | A-b      | MOTOREX                         | MOTOREX GEARSYNT XXX                               | X             |                                    |                        |                   |                              |
| 19.12.2014 | A-c      | Shell                           | Shell Omala S4 GX XXX                              |               |                                    | X                      |                   |                              |
| 18.12.2014 | B-b      | Repsol                          | Super Tauro PAG XXX                                |               |                                    | X                      |                   |                              |
| 18.12.2014 | A-b      | BayWa AG                        | TECTROL GEAR CLP PG XXX                            | X             |                                    |                        |                   |                              |
| 17.12.2014 | A-c      | Lubritech Limited               | GEP Synogear Super CKT XXX                         | X             |                                    |                        |                   |                              |
| 09.12.2014 | A-b, B-b | Castrol performance             | Tribol 1300 / xxx                                  |               | X                                  |                        |                   |                              |
| 28.11.2014 | A-a      | Verkol                          | COMPOUND MP XXX                                    |               |                                    | X                      |                   |                              |
| 28.11.2014 | A-b      | Lubrication Engineers           | SYNPAG™ XXX                                        |               |                                    | X                      |                   |                              |
| 28.11.2014 | A-b, B-b | Chevron                         | Synlube WS XXX                                     |               |                                    | X                      |                   |                              |
| 28.11.2014 | A-b      | STATOIL                         | LoadWay PG XXX                                     |               |                                    | X                      |                   |                              |
| 28.11.2014 | A-b      | LOTOS OIL                       | Transmil Synthetic Extra PG XXX                    |               |                                    | X                      |                   |                              |
| 28.11.2014 | A-c      | AVIA                            | AVIA Syntogear PE XXX                              | X             |                                    |                        |                   |                              |
| 27.11.2014 | A-c      | BayWa AG                        | TECTROL GEAR CLP SYN XXX                           | X             |                                    |                        |                   |                              |

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|------------|-----------|-----------------------------|---------------------------------------------------------------------------------------|---------------|------------------------------------|------------------------|------------------------|------------------------------|
| 21.11.2014 | A-a       | MOTOREX                     |                                                                                       |               |                                    |                        | GEAR COMPOUND PLUS XXX | GEAR COMPOUND PLUS ISO XXX   |
| 07.11.2014 | A-c       | Shanghai Hitecrun           | HITECSYN SMP Plus XXX                                                                 | X             |                                    |                        |                        |                              |
| 28.10.2014 | A-b, B-b  | Fuchs Lubritech             | GEARMASTER PGP 100<br>GEARMASTER PGP 150                                              |               |                                    | X                      |                        |                              |
| 28.10.2014 | A-c       | Fuchs Lubritech             | GEARMASTER SYN 100<br>GEARMASTER SYN 150<br>GEARMASTER SYN 220<br>GEARMASTER SYN 1000 |               |                                    | X                      |                        |                              |
| 27.10.2014 | A-a       | HINDUSTAN PETROLEUM         | PARTHAN ML XXX                                                                        | X             |                                    |                        |                        |                              |
| 27.10.2014 | A-a       | PANOLIN AG                  | GEAR CLP FL XXX                                                                       | X             |                                    |                        |                        |                              |
| 21.10.2014 | A-a       | Bharat Petroleum Corp. Ltd. | MAK Amocam Plus XXX                                                                   | X             |                                    |                        |                        |                              |
| 05.09.2014 | A-d       | Bremer & Leguil GmbH        | RIVOLTA S.G.L. XXX                                                                    |               |                                    | X                      |                        |                              |
| 29.09.2014 | A-a       | LOTOS OIL S.A.              | TRANSMIL EXTRA XSP 150                                                                |               |                                    | X                      |                        |                              |
| 29.09.2014 | A-c       | PANOLIN AG                  | TECSYNTH FL 220                                                                       | X             |                                    |                        |                        |                              |
| 05.09.2014 | A-d       | Fuchs                       | PLANTOGEAR XXX S                                                                      |               |                                    | X                      |                        |                              |
| 05.09.2014 | A-d       | Fuchs Lubritech             | Gearmaster ECO XXX                                                                    |               |                                    | X                      |                        |                              |
| 06.08.2014 | A-c       | Engen Petroleum Ltd.        | Gengear SPL A-XXX                                                                     | X             |                                    |                        |                        |                              |
| 22.07.2014 | A-a       | Statoil                     | Loadway EP XXX                                                                        |               |                                    | X                      |                        |                              |
| 22.07.2014 | A-a       | ENI                         | Agip Blasia FMP XXX                                                                   |               |                                    | X                      |                        |                              |
| 14.07.2014 | A-c       | Lukoil Lubricants           | OMV Gear SHG XXX                                                                      | X             |                                    |                        |                        |                              |
| 11.07.2014 | A-a       | Cogelsa                     | ULTRAGEAR EP XXX                                                                      | X             |                                    |                        |                        |                              |
| 23.06.2014 | A-ef, B-e | Fuchs                       | CASSIDA FLUID WG XXX                                                                  | X             |                                    |                        |                        |                              |
| 18.06.2014 | A-ef, B-e | Setral Chemie GmbH          | SYN-setral-GEAR/PGB...FD                                                              | X             |                                    |                        |                        |                              |
| 26.05.2014 | A-c       | PTT Public Company          | PTT Drivara Synthetic S XXX                                                           | X             |                                    |                        |                        |                              |
| 26.05.2014 | B-b       | MOL-LUB Ltd                 | MOL Ultrans Synt WS XXX                                                               | X             |                                    |                        |                        |                              |
| 26.05.2014 | A-b       | MOL-LUB Ltd                 | MOL Ultrans Synt WS 150                                                               |               |                                    | X                      |                        |                              |
| 09.05.2014 | A-c       | ORLEN OIL                   | TRANSGEAR PE 1000                                                                     |               |                                    | X                      |                        |                              |
| 06.05.2014 | H         | Klüber                      | CENTOPLEX GLP 402                                                                     |               |                                    | X                      |                        |                              |
| 10.03.2014 | A-b, B-b  | Fuchs                       | RENOLIN PG 100<br>RENOLIN PG 150                                                      |               |                                    | X                      |                        |                              |
| 05.03.2014 | A-c       | Cogelsa                     | ULTRASYNTH EP xxx                                                                     | X             |                                    |                        |                        |                              |
| 24.02.2014 | A-c       | LOTOS OIL S.A.              | TRANSMIL SYNTHETIC xxx                                                                |               |                                    | X                      |                        |                              |
| 24.02.2014 | A-c       | AVIA                        | SYNTOGEAR PE XXX                                                                      |               |                                    | X                      |                        |                              |
| 24.02.2014 | A-c       | AVIA                        | EVOGEAR SX xxx                                                                        |               |                                    | X                      |                        |                              |
| 24.02.2014 | A-a       | Nyco S.A.                   | NYCOLUBE 83xx                                                                         |               |                                    | X                      |                        |                              |
| 17.02.2014 | A-a       | Gulf Oil International      | Gulf Gear WT xxx                                                                      | X             |                                    |                        |                        |                              |
| 14.02.2014 | B-e       | Blaser Swissslube           | Foodoil GGF xxx                                                                       | X             |                                    |                        |                        |                              |
| 12.02.2014 | A-a       | Chevron                     | Meropa XL                                                                             | X             |                                    |                        |                        |                              |
| 06.01.2014 | A-a       | Fuchs Lubritech             | GEARMASTER CLP 100                                                                    |               |                                    | X                      |                        |                              |
| 21.01.2014 | A-c       | Fuchs                       | RENOLYN UNISYN CLP 100<br>RENOLYN UNISYN CLP 150<br>RENOLYN UNISYN CLP 220            |               |                                    | X                      |                        |                              |
| 13.01.2014 | A-c       | PETROGAL                    | GALP TRANSGEAR SY FA xxx                                                              | X             |                                    |                        |                        |                              |
| 10.01.2014 | A-a       | PETROGAL                    | GALP TRANSGEAR FA xxx                                                                 | X             |                                    |                        |                        |                              |
| 02.01.2014 | A-c       | Bel-Ray                     | Synthetic Gear Oil 669x                                                               |               |                                    |                        |                        | Synthetic Gear Oil xxx       |
| 18.12.2013 | B-e       | Castrol performance         | Tribol FoodProof 1800 / 460                                                           | X             |                                    |                        |                        |                              |
| 13.12.2013 | A-c       | Addinol                     | Eco Gear PAO 68 S                                                                     | X             |                                    |                        |                        |                              |
| 13.12.2013 | A-ef      | Castrol performance         | Tribol FoodProof 1800 / 460                                                           | X             |                                    |                        |                        |                              |
| 08.11.2013 | A-c       | Bel-Ray                     | Bel-Ray Synth. Gear Oil 66xx                                                          |               |                                    |                        |                        | Synthetic Gear Oil 669x      |
| 08.11.2013 | A-c       | Bel-Ray                     | Bel-Ray Synth. Gear Oil 6698                                                          |               |                                    | X                      |                        |                              |
| 08.11.2013 | A-c       | Bel-Ray                     | Bel-Ray Synth. Gear Oil 6688                                                          |               |                                    | X                      |                        |                              |
| 08.11.2013 | A-c       | SINOPEC                     | Great Wall Synth. AP-HD xxx                                                           |               |                                    |                        |                        | Great Wall AP-S xxx          |
| 08.11.2013 | A-c       | SINOPEC                     | Great Wall Synth. AP-HD 1000                                                          |               |                                    | X                      |                        |                              |
| 07.10.2013 | A-c       | Castrol classic             | Alphasyn EP xxx                                                                       | X             |                                    |                        |                        |                              |
| 16.08.2013 | A-c       | Phillips 66                 | SYNCON® WTL 320                                                                       | X             |                                    |                        |                        |                              |
| 13.08.2013 | A-c       | Anderol                     | Anderol 5xxx Plus                                                                     | X             |                                    |                        |                        |                              |
| 29.07.2013 | A-c       | SINOPEC                     | Great Wall SH5 xxx (FD)<br>Synthetic                                                  |               |                                    | X                      |                        |                              |
| 01.07.2013 | A-a       | OMV Refining & Marketing    | OMV gear HAST xxx                                                                     | X             |                                    |                        |                        |                              |
| 01.07.2013 | B-e       | BASF                        | Breox FGL xxx                                                                         |               |                                    |                        |                        | Plurasafe GL FG xxx          |

| Datum      | Tabelle                                                                                                                                                                            | Marke                   | Schmierstoffname                                                    | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in | Schmierstoffname geändert in                 |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------|---------------|------------------------------------|------------------------|-------------------|----------------------------------------------|
| 28.06.2013 | A-a                                                                                                                                                                                | OMV Petrol Ofisi        | Gravis MP xxx                                                       | X             |                                    |                        |                   |                                              |
| 28.06.2013 | A-c                                                                                                                                                                                | OMV Petrol Ofisi        | Gravis SP xxx                                                       | X             |                                    |                        |                   |                                              |
| 27.06.2013 | A-b                                                                                                                                                                                | FRAGOL                  | Ucolub BSL-IG xxx                                                   |               |                                    | X                      |                   |                                              |
| 27.06.2013 | A-ef                                                                                                                                                                               | FRAGOL                  | Ucolub BSL xxx                                                      |               |                                    | X                      |                   |                                              |
| 27.06.2013 | A-b                                                                                                                                                                                | Gulf Oil International  | Gulf Synthetic Gear Oil xxx                                         |               |                                    | X                      |                   |                                              |
| 25.06.2013 | A-a                                                                                                                                                                                | Cepsa                   | ENGRANAJES XMP xxx                                                  | X             |                                    |                        |                   |                                              |
| 24.06.2013 | A-a                                                                                                                                                                                | Cepsa                   | AEROGear 320                                                        | X             |                                    |                        |                   |                                              |
| 11.06.2013 | A-c                                                                                                                                                                                | HINDUSTAN PETROLEUM     | PARTHAN SL XXX                                                      |               |                                    | X                      |                   |                                              |
| 07.06.2013 | A-a                                                                                                                                                                                | Fuchs                   | RENOLIN CLP Plus xxx                                                | X             |                                    |                        |                   |                                              |
| 04.06.2013 | A-c                                                                                                                                                                                | AVIA                    | SYNTOGEAR PE 1000                                                   |               |                                    | X                      |                   |                                              |
| 04.06.2013 | A-c                                                                                                                                                                                | Cepsa                   | AEROGear SYNT 680                                                   |               |                                    | X                      |                   |                                              |
| 28.05.2013 | A-c                                                                                                                                                                                | Amsoil                  | Amsoil Power Transmission EP 680; Amsoil Power Transmission EP 1000 |               |                                    | X                      |                   |                                              |
| 28.05.2013 | A-c                                                                                                                                                                                | Amsoil                  | Amsoil Power Transmission EP xxx                                    |               |                                    |                        |                   | Synthetic Power Transmission EP Gear Oil xxx |
| 24.05.2013 | A-c                                                                                                                                                                                | Total                   | CARTER SH 150                                                       |               |                                    | X                      |                   |                                              |
| 21.05.2013 | A-b                                                                                                                                                                                | Repsol                  | Super Tauro PAG xxx                                                 |               |                                    | X                      |                   |                                              |
| 08.05.2013 | A-a                                                                                                                                                                                | Gazpromneft             | Reduktor F xxx                                                      |               |                                    |                        |                   | Gazpromneft Reductor F xxx                   |
| 30.04.2013 | A-a                                                                                                                                                                                | LOTOS OIL S.A.          | TRANSFIL EXTRA XSP xxx                                              | X             |                                    |                        |                   |                                              |
| 29.04.2013 | A-ef                                                                                                                                                                               | BASF                    | Breox FGL xxx                                                       |               |                                    |                        |                   | Plurasafe GL FG xxx                          |
| 26.04.2013 | A-b, B-b                                                                                                                                                                           | BASF                    | Breox SL xxx                                                        |               |                                    |                        |                   | Plurasafe GL Plus xxx                        |
| 23.04.2013 | H                                                                                                                                                                                  | Shell                   | Alvania EP / LF x                                                   |               |                                    | X                      |                   |                                              |
| 19.03.2013 | A-a                                                                                                                                                                                | Indian Oil              | Servomesh Gold xxx                                                  | X             |                                    |                        |                   |                                              |
| 18.03.2013 | A-a                                                                                                                                                                                | Bantleon                | Avilub Gear RSX-F xxx                                               | X             |                                    |                        |                   |                                              |
| 18.03.2013 | A-a                                                                                                                                                                                | TOTAL                   | CARTER XEP xxx                                                      | X             |                                    |                        |                   |                                              |
| 15.03.2013 | E-am                                                                                                                                                                               | AVIA                    | GEAR RSX 150                                                        |               |                                    | X                      |                   |                                              |
| 15.03.2013 | E-am                                                                                                                                                                               | Castrol classic         | Alpha SP 150                                                        |               |                                    | X                      |                   |                                              |
| 15.03.2013 | E-am                                                                                                                                                                               | Chevron                 | GEAR COMPOUND 150                                                   |               |                                    | X                      |                   |                                              |
| 15.03.2013 | E-am                                                                                                                                                                               | Eni                     | Agip Blasia FMP 150                                                 |               |                                    | X                      |                   |                                              |
| 15.03.2013 | E-am                                                                                                                                                                               | TOTAL                   | GIRAN L 150                                                         |               |                                    | X                      |                   |                                              |
| 15.03.2013 | E-am                                                                                                                                                                               | TOTAL                   | EPONA Z 150                                                         |               |                                    | X                      |                   |                                              |
| 15.03.2013 | E-cm                                                                                                                                                                               | Mobil                   | Mobil SHC 629                                                       | X             |                                    |                        |                   |                                              |
| 15.03.2013 | E-dm                                                                                                                                                                               | Fuchs                   | PLANTOGear 150 S                                                    | X             |                                    |                        |                   |                                              |
| 15.03.2013 | E-dm                                                                                                                                                                               | Fuchs Lubritech         | GEARMASTER ECO 150                                                  | X             |                                    |                        |                   |                                              |
| 14.02.2013 | A-c                                                                                                                                                                                | Chevron                 | Meropa Synthetic XL xxx                                             |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Indian Oil              | Servosyn gear AMP xxx                                               |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Verkol                  | CORVUS MP xxx                                                       |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Zetalube                | Zetalube 230 ISO VG xxx                                             |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Whitemore               | Decathion™ F 320                                                    |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Shenyang Original       | Original SHG Extratrans xxx                                         |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Bantleon                | Avilub Gear PAO xxx                                                 |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Petrofer                | GEARLUBRIC HC xxx                                                   |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Industrial Química Rio. | MatraX I-Gear Sintesis FDR xxx                                      |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | SK Lubricants           | SYNGEAR WT xxx                                                      |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | Omega                   | Omega 693                                                           |               |                                    | X                      |                   |                                              |
| 18.01.2013 | A-c                                                                                                                                                                                | KRAFFT                  | KROIL SINTLUBE 320 MP                                               |               |                                    | X                      |                   |                                              |
| 09.01.2013 | A-a                                                                                                                                                                                | Pertamina               | MASRI SUPER FLG xxx                                                 | X             |                                    |                        |                   |                                              |
| 07.01.2013 | A-a, E-am                                                                                                                                                                          | Shell                   | Omala F xxx                                                         |               |                                    | X                      |                   |                                              |
| 17.12.2012 | separate CLP-Öl-Tabellen für 'Marinegetriebe ohne Lamellenkupplungen' in CLP-Öl-Tabellen für 'FLENDER-Stirnrad-, Kegelrad-, und Planetengetriebe sowie Getriebemotoren' integriert |                         |                                                                     |               |                                    |                        |                   |                                              |
| 17.12.2012 | E-cm                                                                                                                                                                               | Total                   | CARTER SH 150                                                       |               |                                    | X                      |                   |                                              |
| 30.11.2012 | A-a, E-ao                                                                                                                                                                          | Fuchs                   | RENOLIN CLP 100                                                     |               |                                    | X                      |                   |                                              |
| 30.11.2012 | A-a, E-ao, E-am                                                                                                                                                                    | Fuchs                   | Renolin CLP xxx Plus                                                |               |                                    | X                      |                   |                                              |
| 12.10.2012 | A-a                                                                                                                                                                                | Repsol                  | Super Tauro FND xxx                                                 |               |                                    | X                      |                   |                                              |
| 05.10.2012 | A-b, B-b                                                                                                                                                                           | Castrol                 | Alphasyn GS xxx                                                     |               |                                    | X                      |                   |                                              |
| 05.10.2012 | B-e                                                                                                                                                                                | Castrol                 | Tribol FoodProof 1800 / xxx                                         |               |                                    | X                      |                   |                                              |
| 27.09.2012 | A-c, E-co                                                                                                                                                                          | Klüber                  | Klübersynth. GEM 4 - xxx N                                          |               |                                    | X                      |                   |                                              |
| 31.07.2012 | A-a                                                                                                                                                                                | Setral Chemie GmbH      | Mi-setral-GEAR xxx                                                  | X             |                                    |                        |                   |                                              |
| 31.07.2012 | A-c                                                                                                                                                                                | Setral Chemie GmbH      | SYN-setral-GEAR xxx                                                 | X             |                                    |                        |                   |                                              |
| 30.07.2012 | A-a                                                                                                                                                                                | Gazpromneft             | Reduktor F                                                          | X             |                                    |                        |                   |                                              |
| 05.07.2012 | A-a                                                                                                                                                                                | BP                      | Energol GR-XP                                                       | X             |                                    |                        |                   |                                              |
| 19.06.2012 | A-a                                                                                                                                                                                | MOL-LUB Ltd.            | MOL Ultrans EP                                                      | X             |                                    |                        |                   |                                              |
| 04.06.2012 | A-a                                                                                                                                                                                | Castrol                 | Alpha SP 1000                                                       |               |                                    | X                      |                   |                                              |
| 01.06.2012 | A-a, B-a                                                                                                                                                                           | Castrol performance     | Optigear BM 100                                                     |               |                                    | X                      |                   |                                              |

| Datum      | Tabelle                                                                                                                                                                                                                                                 | Marke                     | Schmierstoffname                  | neue Freigabe | Freigabe mit begrenzter Gültigkeit | Freigabe zurückgezogen | Marke geändert in | Schmierstoffname geändert in |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------|---------------|------------------------------------|------------------------|-------------------|------------------------------|
| 01.06.2012 | A-a, B-a                                                                                                                                                                                                                                                | Castrol performance       | Optigear BM 680                   |               |                                    | X                      |                   |                              |
| 01.06.2012 | A-a, B-a                                                                                                                                                                                                                                                | Castrol performance       | Optigear BM 1000                  |               |                                    | X                      |                   |                              |
| 19.03.2012 | A-d, E-do                                                                                                                                                                                                                                               | Shell                     | Naturelle Gear Fluid EP xxx       |               |                                    | X                      |                   |                              |
| 14.03.2012 | A-a                                                                                                                                                                                                                                                     | Klüber                    | Klüberoil GEM1-100 N              |               |                                    | X                      |                   |                              |
| 14.03.2012 | A-a                                                                                                                                                                                                                                                     | Klüber                    | Klüberoil GEM1-1000 N             | X             |                                    |                        |                   |                              |
| 14.03.2012 | B-a                                                                                                                                                                                                                                                     | Klüber                    | Klüberoil GEM1-xxx N              |               |                                    | X                      |                   |                              |
| 14.03.2012 | B-b                                                                                                                                                                                                                                                     | Klüber                    | SYNTHESO D xxx EP                 |               |                                    | X                      |                   |                              |
| 14.03.2012 | A-b, B-b                                                                                                                                                                                                                                                | Klüber                    | Klübersynth. GH 6 - 150           |               |                                    | X                      |                   |                              |
| 13.03.2012 | A-a                                                                                                                                                                                                                                                     | Addinol                   | ECO GEAR 100 M                    |               |                                    | X                      |                   |                              |
| 13.03.2012 | A-c                                                                                                                                                                                                                                                     | Addinol                   | ECO GEAR 100 S                    |               |                                    | X                      |                   |                              |
| 13.03.2012 | A-c                                                                                                                                                                                                                                                     | Addinol                   | ECO GEAR 150 S                    |               |                                    | X                      |                   |                              |
| 06.03.2012 | A-d, E-do                                                                                                                                                                                                                                               | Klüber                    | Klübersynth. GEM 2 - xxx          |               |                                    | X                      |                   |                              |
| 07.02.2012 | A-a                                                                                                                                                                                                                                                     | Engen Petroleum Ltd.      | Engen Gengear XEP xxx             | X             |                                    |                        |                   |                              |
| 24.01.2012 | A-c                                                                                                                                                                                                                                                     | Anglomoil                 | Indsyn EP xxx                     |               |                                    | X                      |                   |                              |
| 24.01.2012 | A-b, E-co                                                                                                                                                                                                                                               | Q8 Kuwait Petroleum       | Q8 EI Greco xxx                   |               |                                    | X                      |                   |                              |
| 24.01.2012 | Tabellenummerierung geändert (alt schwarz gefärbt, neu rot gefärbt) :<br>A-1 → A-a; A-2 → A-b; A-3 → A-c; A-4 → A-d; A-5 → A-ef<br>B-1 → B-a; B-2 → B-b; B-5 → B-e<br>E-1 → E-ao; E-3 → E-co; E-4 → E-do; E-6 → E-g; E-7 → E-am; E-8 → E-cm; E-9 → E-dm |                           |                                   |               |                                    |                        |                   |                              |
| 23.01.2012 | A-a                                                                                                                                                                                                                                                     | ORLEN OIL                 | TRANSOL PREMIUM xxx               |               |                                    | X                      |                   |                              |
| 23.01.2012 | A-b, B-b                                                                                                                                                                                                                                                | Shell                     | Shell Omala S4 WE xxx             |               |                                    | X                      |                   |                              |
| 23.01.2012 | A-a                                                                                                                                                                                                                                                     | Cepasa                    | CEPSA AEROGear xxx                |               |                                    | X                      |                   |                              |
| 05.12.2011 | E-cm                                                                                                                                                                                                                                                    | Mobil                     | Mobil SHC 629                     |               |                                    | X                      |                   |                              |
| 05.12.2011 | A-c                                                                                                                                                                                                                                                     | Petro Canada              | Enduratex Synthetic               |               |                                    |                        |                   | Enduratex Synthetic EP       |
| 30.11.2011 | A-c                                                                                                                                                                                                                                                     | Verkol                    | Corvus MP xxx                     | X             |                                    |                        |                   |                              |
| 29.11.2011 | A-c                                                                                                                                                                                                                                                     | KRAFFT S.L.U.             | KROIL SINTLUBE 320 MP             | X             |                                    |                        |                   |                              |
| 16.11.2011 | A-c                                                                                                                                                                                                                                                     | MOTOREX                   | GEAR SYNTEC CLP 100               |               |                                    | X                      |                   |                              |
| 16.11.2011 |                                                                                                                                                                                                                                                         |                           | GEAR SYNTEC CLP 680               |               |                                    | X                      |                   |                              |
| 16.11.2011 |                                                                                                                                                                                                                                                         |                           | GEAR SYNTEC CLP 1000              |               |                                    | X                      |                   |                              |
| 10.11.2011 | A-a                                                                                                                                                                                                                                                     | Castrol                   | Alpha BMB xxx                     |               |                                    | X                      |                   |                              |
| 10.11.2011 | A-c, E-co                                                                                                                                                                                                                                               | Castrol                   | Alphasyn EP xxx                   |               |                                    | X                      |                   |                              |
| 10.11.2011 | E-co, E-cm                                                                                                                                                                                                                                              | Castrol                   | Alphasyn HG xxx                   |               |                                    | X                      |                   |                              |
| 10.11.2011 | E-do, E-dm                                                                                                                                                                                                                                              | Castrol                   | BioTrans HG xxx                   |               |                                    | X                      |                   |                              |
| 10.11.2011 | A-c                                                                                                                                                                                                                                                     | Castrol                   | Optigear Synth A xxx              |               |                                    | X                      |                   |                              |
| 10.11.2011 | A-c, E-co                                                                                                                                                                                                                                               | Castrol                   | Tribol 1710/xxx                   |               |                                    | X                      |                   |                              |
| 10.11.2011 | B-b                                                                                                                                                                                                                                                     | Castrol                   | Tribol 800 / xxx                  |               |                                    | X                      |                   |                              |
| 10.11.2011 | A-a, B-a, E-ao                                                                                                                                                                                                                                          | Castrol                   | Tribol 1100/ xxx                  |               |                                    | X                      |                   |                              |
| 10.11.2011 | A-ef                                                                                                                                                                                                                                                    | Castrol                   | Optileb GT xxx                    |               |                                    | X                      |                   |                              |
| 04.11.2011 | A-b, B-b                                                                                                                                                                                                                                                | BEICHEM                   | BERUSYNTH EP xxx                  |               |                                    | X                      |                   |                              |
| 27.10.2011 | A-a                                                                                                                                                                                                                                                     | LLC LLK International     | LUKOIL STEELO 680                 |               |                                    | X                      |                   |                              |
| 27.10.2011 | A-c                                                                                                                                                                                                                                                     | Omega Manufac.            | Omega 693                         | X             |                                    |                        |                   |                              |
| 27.10.2011 | A-c                                                                                                                                                                                                                                                     | SK Lubricants             | SYNGEAR WT                        | X             |                                    |                        |                   |                              |
| 26.10.2011 | A-c                                                                                                                                                                                                                                                     | Hermann Bantleon GmbH     | Avilub Gear PAO 320               | X             |                                    |                        |                   |                              |
| 26.10.2011 | A-c                                                                                                                                                                                                                                                     | Ind. Quimica Riojana S.A. | MatraX I-Gear Sintesis FDR        | X             |                                    |                        |                   |                              |
| 24.10.2011 | E-do                                                                                                                                                                                                                                                    | Bremer & Leguil GmbH      | RIVOLTA S.G.L.                    | X             |                                    |                        |                   |                              |
| 27.09.2011 | A-b, B-b                                                                                                                                                                                                                                                | Cognis                    | Breox SL xxx                      |               |                                    |                        | BASF              |                              |
| 27.09.2011 | A-ef, B-e                                                                                                                                                                                                                                               | Cognis                    | Breox FGL xxx                     |               |                                    |                        | BASF              |                              |
| 27.09.2011 | A-c                                                                                                                                                                                                                                                     | Cognis                    | Emgard Gear Ultra xxx             |               |                                    |                        | BASF              |                              |
| 13.09.2011 | A-c                                                                                                                                                                                                                                                     | Galp Energia              | Galp Transgear SMP xxx            |               |                                    | X                      |                   |                              |
| 13.09.2011 | A-a                                                                                                                                                                                                                                                     | OMV Refining & Marketing  | OMV gear HAST xxx                 |               |                                    | X                      |                   |                              |
| 13.09.2011 | A-c                                                                                                                                                                                                                                                     | Brugarolas                | Beslux Gearsint XP xxx            |               |                                    | X                      |                   |                              |
| 13.09.2011 | A-b                                                                                                                                                                                                                                                     | Brugarolas                | Beslux Sincart W xxx              |               |                                    | X                      |                   |                              |
| 13.09.2011 | A-c                                                                                                                                                                                                                                                     | Verkol                    | Corvus MP xxx                     |               |                                    | X                      |                   |                              |
| 13.09.2011 | A-c                                                                                                                                                                                                                                                     | Statoil                   | MERETA xxx                        |               |                                    | X                      |                   |                              |
| 12.09.2011 | A-a                                                                                                                                                                                                                                                     | Addinol                   | CLP xxx S                         |               |                                    | X                      |                   |                              |
| 12.09.2011 | A-a                                                                                                                                                                                                                                                     | Addinol                   | Gear Oil xxx F                    | X             |                                    |                        |                   |                              |
| 12.09.2011 | A-a                                                                                                                                                                                                                                                     | Total                     | KASSILLA GMP xxx                  |               |                                    | X                      |                   |                              |
| 12.09.2011 | A-ef                                                                                                                                                                                                                                                    | Total                     | Nevastane SY xxx                  |               |                                    | X                      |                   |                              |
| 12.09.2011 | A-a, E-ao, E-am                                                                                                                                                                                                                                         | Chevron                   | Meropa WM xxx                     |               |                                    | X                      |                   |                              |
| 18.07.2011 | A-a                                                                                                                                                                                                                                                     | Verkol                    | COMPOUND MP xxx                   | X             |                                    |                        |                   |                              |
| 01.07.2011 | A-d, E-do                                                                                                                                                                                                                                               | Shell                     | Shell Naturelle Gear Fluid EP xxx |               |                                    | X                      |                   |                              |
| 28.06.2011 | A-c                                                                                                                                                                                                                                                     | Castrol performance       | Optigear Synth X xxx              |               |                                    | X                      |                   |                              |
| 27.05.2011 | A-c                                                                                                                                                                                                                                                     | Chevron                   | Meropa Synthetic XL               | X             |                                    |                        |                   |                              |
| 27.05.2011 | A-b                                                                                                                                                                                                                                                     | AVIA                      | GEAR VSG xxx                      |               |                                    | X                      |                   |                              |
| 27.05.2011 | A-c                                                                                                                                                                                                                                                     | Anderol                   | 5xx0 XEP                          |               |                                    | X                      |                   |                              |
| 27.05.2011 | B-a                                                                                                                                                                                                                                                     | SRS                       | Ersolan xxx                       |               |                                    | X                      |                   |                              |

Start 22.06.2010