

The requirements on the industry gear oils are permanently increased because of the growing power density of the gear units. Therefore the oil manufacturers develop new and better oil formulations in shorter and shorter time-lags. On these causes the oil approval list for FLENDER gear units must more frequently adapt to the current situation than in the past and one oil approval is only for five years valid. It is always a decision of the oil manufacturer in the end whether he applies for another release of his oil with extensive tests or whether he possibly puts a new request for an approval with a new oil. Only the oil manufacturer can mention to the user the reason for a cut of his oil from the approval list. The oil manufacturer knows the details of it. Flender can only notice that the oil manufacturer has not put any new requests for an approval after expiry for the approved period.

Date	Table	Brand name	Lubricant name	new approval	approval with restricted validity	approval is withdrawn	Brand name changed in	Lubricant name changed in	
29.05.2020	A-a	Hangzhou Derunbao	Lingwei Synthetic Gear Oil 3201			X		Oil moved to correct talbe	
29.05.2020	A-g	Hangzhou Derunbao	Lingwei Synthetic Gear Oil 3201	X				Oil moved to correct talbe	
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 updated, added table D-abcg								
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 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					
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					

Date	Table	Brand name	Lubricant name	new approval	approval with restricted validity	approval is withdrawn	Brand name changed in	Lubricant name changed in
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	Information regarding type plate added, removed geared motors from scope of this directive							
23.03.2018	A-g	Indian Oil Corporation Ltd	Servomesh WEG 320	X				
14.03.2018	A-e	Bremer & Leguil GmbH	RIVOLTA S.G.L. XXX	X				
24.01.2018	A-c	BASF	Emgard Wind P 220 Emgard Wind P 460 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	Micro pitting 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	Micro pitting Resistant Industrial ...	X				
28.09.2017	A-a	PTT Public Company	PTT Drivera 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				
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		

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09.03.2017	A-a	BP	Energol GR-XP			X		
08.03.2017	A-c	Cogelsa	ULTRASYNT 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	Gadinea 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	Gadinea 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	GEAR OIL 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	Servosyn gear 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	GMERl(Guangyan)	GMERl(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				
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

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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				
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 GEARMASTER PGP 150 GEARMASTER SYN 100 GEARMASTER SYN 150 GEARMASTER SYN 220 GEARMASTER SYN 1000			X		
28.10.2014	A-c	Fuchs Lubritech				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		

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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 Drivera 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 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 Swisslube	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 RENOLYN UNISYN CLP 150 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) 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
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		

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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.	TRANSMIL 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 Quimica 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	Integration of the separate CLP oil tables for 'Marine gear units without multi-disk clutches' in the CLP oil tables for 'FLENDER Helical gear, bevel helical gear, planetary gear boxes and geared motors'							
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		
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				

Date	Table	Brand name	Lubricant name	new approval	approval with restricted validity	approval is withdrawn	Brand name changed in	Lubricant name changed in
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	table numbering changed (old black coloured, new red coloured) : A-1 → A-a; A-2 → A-b; A-3 → A-c; A-4 → A-d; A-5 → A-ef B-1 → B-a; B-2 → B-b; B-5 → B-e 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	Cepsa	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	BECHEM	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		
27.05.2011	A-a	TUNAP	TUNGEAR xxx			X		
27.05.2011	A-a	Verkol	COMPOUND MP xxx			X		
27.05.2011	A-a	Veco	VECO MATRANOL XP xxx			X		
27.05.2011	A-c	FRAGOL	Ucolub N-PA xxx			X		
27.05.2011	A-a	LE	60x ALMASOL Vari-P G.L.			X		
24.05.2011	A-a, B-a, E-ao	Mobil	Mobilgear XMP xxx			X		
24.05.2011	D --> H	table 'D' changed in table 'H'						
24.05.2011	A-b	Castrol performance	Tribol 1300 / xxx				footnote added	
04.04.2011	Ax, Bx, D --> H, Ex	obligation added						
24.03.2011	A-c	Meguain	Megol Gearoil Synth			X		

