



Axles for off-road vehicles

List of lubricants TE-ML 05

Table of contents	page
1. Current products	1
2. Older product groups, not listed in detail	2
3. Hydraulic fluids	2
4. Greasing points	2
5. Oil change intervals	2
6. Load classes	3
7. Lubricant classes and approved trade products	as from 4

1. Current products

Product groups	Series	Lubricant classes for service fills (1)
Compactor	MT-C 3035, MT-C 3065, MT-C 3075	05C / 05D
Motor grader	MT-G 3070, MT-G 3075, MT-G 3080, MT-G 3085, MT-G 3090, WH-L3065, WH-L3075	ZF-Powerfluid 05F / 05G / 05H
Dumper	Axle/Wheel head: MT-D 3105	ZF-Powerfluid 05C / 05D / 05F / 05G / 05H
	Brake: MT-D 3105, WH-D 3105	ZF-Powerfluid 05F / 05G / 05H
	Axle inserts	ZF-Powerfluid 05C / 05D / 05F / 05G / 05H
Wheel loader	MT-L series, paper brake lining: MT-L 3065, MT-L 3075, MT-L 3085, MT-L 3095, MT-L 3105	ZF-Powerfluid 05C / 05D / 05F / 05G / 05H
	MT-L series, sintered brake lining: MT-L 3085, MT-L 3095, MT-L 3105, MT-L 3115, MT-L 3125, MT-L 3135	ZF-Powerfluid 05F / 05G / 05H
	AP420R	05C / 05D
Backhoe loader	rear axle: MT-B 3065, MT-B 3070, MT-2075, MT-2085	ZF-Powerfluid 05F / 05G / 05H
	Front axle: MS-B 3025, MS-2045	ZF-Powerfluid 05C / 05D / 05F / 05G / 05H
Telescopic handler	MS-T 3045, MS-T 3055, MS-T 3060	ZF-Powerfluid 05F / 05G / 05H
Compact loader	AV230	05C / 05D
	MT-L3015, MS-L3015, MT-L3020, MT-L3045, MT-L3055	ZF-Powerfluid 05C / 05D / 05F / 05G / 05H
Mobile excavator	MS-E3050, MT-E3050, MS-E3060, MT-E3060, MS- E3070, MT-E3070	ZF-Powerfluid 05C / 05D / 05F / 05G / 05H

(1) Refer to the following pages for approved commercial products.

The list of lubricants TE-ML 05, Edition 01.01.2010 replaces all previous editions. The current list can be requested from any ZF after-sales service center or accessed on the Internet under www.zf.com .	ZF Friedrichshafen AG D-88038 Friedrichshafen phone: + 49 7541 77 3505 fax: + 49 7541 77 7319	ZF Passau GmbH D-94030 Passau
--	---	---

2. Older product groups, not listed in detail

Product groups	Lubricant classes for service fills (1)	
	without	with
	wet multi-disc brakes and / or multi-disk limited-slip differentials	
Axles Differentials Axle inserts Wheel hubs	ZF-Powerfluid 05A / 05B / 05C / 05D 05F / 05G / 05H	ZF-Powerfluid 05C / 05D / 05F / 05G / 05H
Axles, differentials and axle inserts with hypoid drive	05A / 05B / 05C / 05D	05C / 05D

3. Hydraulic fluids

Product group	Lubricant classes for service fills (1)	Use at outside temperatures above
Brake hydraulics, hydraulic differential lock (DHL) and steering	05L	- 40°C
	lubricants in accordance with JDM J20D	- 40°C
	05F (only lubricants in accordance with JDM J20C)	- 30°C
	05K	- 30°C

4. Greasing points

Product groups	Lubricating grease
Swivel bearing axles, motor grader: MT-G 3070, MT-G 3075, MT-G 3080, MT-G 3085, MT-G 3090	ZF Powergrease (ZF P/N 0671 090 354) Total Aerogrease N 31089 Shell Aeroshell Grease 22 Lubricating interval acc. to corresponding lubricating and maintenance specifications
Other	Lithium saponified multipurpose grease of NLGI class 2 which is mixable with mineral oil (grease code KP2K-30 in acc. with DIN 51825 or ISO-L- XCCHB2 in accordance with ISO 6743-9).

5. Oil change intervals

Lubricant class	05A, 05B, 05C, 05D	ZF Powerfluid 05F, 05G, 05H
Load class	Oil change interval	
1	1500 h	2000 h
2	1000 h	1500 h
3	500 h	1000 h

(1) Refer to the following pages for approved commercial products.

Additives of any kind added **later**

6. Load classes

Load class	Examples of applications
1	<ul style="list-style-type: none">- Dumper- Mobile excavator with low driving-mode share (<25%) and equipment in material handling- Wheel loader with hydrostatic drive- Other axles without wet brakes
2	<ul style="list-style-type: none">- Mobile excavator with increased driving-mode share (>25%) and equipment in timber handling- Wheel loader, grader, backhoe loader, telescopic handler- Compactors
3	<ul style="list-style-type: none">- Wheel loader operated under extreme braking conditions- At ambient temperatures > 40°C

7. Lubricant classes and approved trade products

Lubricant class 05A

Gear oil

Viscosity grades: SAE 75W-90 / 75W-110 / 75W-140 / 80W-90 / 80W-110 / 80W-140 / 85W-90 / 85W-110 / 85W-140 / 90

Manufacturer (05A)

ADDINOL LUBE OIL GMBH, LEUNA/D
 ADDINOL LUBE OIL GMBH, LEUNA/D
 ADDINOL LUBE OIL GMBH, LEUNA/D
 AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D
 ARAL AG, BOCHUM/D
 ARAL AG, BOCHUM/D
 ARAL AG, BOCHUM/D
 ARAL AG, BOCHUM/D
 ARAL AG, BOCHUM/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CEPSA LUBRICANTS S.A., MADRID/E
 CEPSA LUBRICANTS S.A., MADRID/E
 CHEVRON BRASIL LTDA., RIO DE JANEIRO/BRAZIL
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, SYDNEY/AUS
 CLAAS KGAA MBH, HARSEWINKEL/D
 CONDAT LUBRIFIANTS, CHASSE SUR RHONE/F
 CONDAT LUBRIFIANTS, CHASSE SUR RHONE/F
 CONDAT LUBRIFIANTS, CHASSE SUR RHONE/F
 CYCLON HELLAS S.A., MAROUSSI ATHENS/GR
 DAF TRUCKS N.V., EINDHOVEN/NL
 DE OLIEBRON B.V., ZWIJNDRECHT/NL
 DEUTSCHE PENTOSIN WERKE GMBH, WEDEL/D
 ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I
 ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I
 ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I
 ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I

Trade name (05A)

ADDINOL GETRIEBEÖL GH 80W-90
 ADDINOL GETRIEBEÖL GH 85W-90
 ADDINOL GETRIEBEÖL GX 80 W 90 ML
 AUTOL HYPOID-GETRIEBEÖL SAE 80W-90
 ARAL GETRIEBEOL EP PLUS 80W-90
 ARAL GETRIEBEOL HYP 85W-140
 ARAL GETRIEBEOL HYP 85W-90
 ARAL GETRIEBEÖL HYP SC 85W-140
 ARAL GETRIEBEOL SNA-D
 AVIA HYPOID 80 EP
 AVIA HYPOID 85W-140
 AVIA HYPOID 90 EP
 AVIA SYNTOGear FE 80W-90
 BAYWA HYPOID GETRIEBEÖL 85W-90
 BAYWA SUPER 8090 MC
 TECTROL MULTIGEAR HYP 90
 TECTROL MULTIGEAR PLUS 8090
 HYPOID-GETRIEBEÖL 80W90
 HYPOID-GETRIEBEÖL 85W140
 HYPOID-GETRIEBEÖL 90
 BP ENERGEGEAR DL 80W-90
 BP ENERGEGEAR HT 80W-90
 BP ENERGEGEAR HYPO 80W-90
 BP ENERGEGEAR HYPO 85W-140
 BP ENERGEGEAR HYPO 90
 BP ENERGEGEAR HYPO XL 80W-90
 ENERGEGEAR HT 85W140
 FRONTOL HYPOID GETRIEBEÖL B SAE 90
 FRONTOL-MEHRZWECK GETRIEBEOL 80W90
 OJS FRONTOL GETRIEBEÖL FE 85W-140
 GEAR ZX TP SAE80W/90 GL4/5
 MOTOREX GEAR OIL UNIVERSAL 80W/90
 MOTOREX GEAR OIL UNIVERSAL 85W/140
 CASTROL DYNADRIIVE 80W-90
 CASTROL EPX 80W-90
 CASTROL EPX 85W-140
 CASTROL EPX 90
 CASTROL EPX M 90
 CASTROL HYPOID LONG DRAIN 80W-90
 CASTROL MTF EPX 80W-90
 CASTROL MULTIDRIIVE 80W90
 CEPSA TRANSMISIONES EP 90
 ERTOIL EP CAMBIOS Y DIFERENCIALES SAE 90
 MULTIGEAR EP SAE 90
 CHEVRON RPM UNIVERSAL GEAR LUBRICANT SAE 80W-90
 CHEVRON RPM UNIVERSAL GEAR LUBRICANT SAE 85W-140
 GEARTEX EP-B 85W-90
 GEARTEX EP-C 80W-90
 GEARTEX EP-C 85W-140
 MULTIGEAR 80W-90
 CALTEX HYPOID LD SAE 85W-90
 CLAAS AGRISHIFT MT 80W-90
 GEAR S 80W90
 GEAR S 85W140
 GEAR SLX 75W90
 CYCLON GEAR EP GL-5 80W90
 DAF SUPER 80W90
 TOR SUPER GEAR OIL 80W90
 PENTOSIN GETRIEBEÖL O-226 80W-90
 AGIP ROTRA MP 85W-140
 AGIP ROTRA MP DB 85W-90
 AGIP ROTRA MP/C 80W-90
 AGIP ROTRA MP/C 85W-140

ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I	AGIP ROTRA TRUCK GEAR 85W-140
ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I	ROTRA MP 80W-90
ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I	ROTRA TRUCK GEAR 80W-90
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	ESSO GEAR OIL GX-D 85W-90
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	MOBILUBE HD-A 85W-90
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	MOBILUBE HD-A PLUS 80W-90
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	MOBILUBE S 80W-90
FALCON OIL COMPANY LTD., SHARJAH/UAЕ	FALCON SUPER MP GEAR OIL 85W/140 GL-5
FALCON OIL COMPANY LTD., SHARJAH/UAЕ	FALCON SUPER MP GEAR OIL 80W/90 GL-5
FINKE MINERALÖLWERK GMBH, VISSLHÖVEDE/D	AVIATICON FINKOGEAR SUPER 80W-90
FUCHS PETROLUB AG, MANNHEIM/D	AGRIFARM GEAR 80W-90
FUCHS PETROLUB AG, MANNHEIM/D	AGRIFARM GEAR 85W-140
FUCHS PETROLUB AG, MANNHEIM/D	TITAN GEAR HYP LD SAE 80W-90
FUCHS PETROLUB AG, MANNHEIM/D	TITAN GEAR HYP SAE 90
FUCHS PETROLUB AG, MANNHEIM/D	TITAN SUPERGEAR 80W-90
FUCHS PETROLUB AG, MANNHEIM/D	TITAN SUPERGEAR 85W-140
FUCHS PETROLUB AG, MANNHEIM/D	TITAN SUPERGEAR MC 80W-90
GAZPROMNEFT-ONPZ, OMSK/RUS	G-TRUCK GL-4/GL-5 80W-90
GAZPROMNEFT-ONPZ, OMSK/RUS	SUPER T-2 (SAE80W-90)
GAZPROMNEFT-ONPZ, OMSK/RUS	SUPER T-3 (SAE85W-90)
GENOL GMBH & CO., WIEN/A	GENOL GEAR-SYN 80W-90
GENOL GMBH & CO., WIEN/A	GENOL HYPOLUBE 80W-90
GINOUVES GEORGES SA, LA FARLEDE/F	YORK 793 80W/140
GINOUVES GEORGES SA, LA FARLEDE/F	YORK 793 80W90
GINOUVES GEORGES SA, LA FARLEDE/F	YORK 793 SAE 85W140
GINOUVES GEORGES SA, LA FARLEDE/F	YORK 993
GRUPA LOTOS SA, GDANSK/PL	LOTOS TITANIS GL-5 SAE 80W/90
GRUPA LOTOS SA, GDANSK/PL	TITANIS SUPER GL-5 80W/140
GRUPA LOTOS SA, GDANSK/PL	TITANIS SUPER GL-5 80W/90
GULF OIL INTERNATIONAL, PITTSBURG/USA	GULF GEAR DB 80W-90
GULF OIL INTERNATIONAL, PITTSBURG/USA	GULF GEAR DB 85W-90
GULF OIL INTERNATIONAL, PITTSBURG/USA	GULF GEAR DB 90
GULF OIL INTERNATIONAL, PITTSBURG/USA	GULF GEAR HD 85W-90
GULF OIL INTERNATIONAL, PITTSBURG/USA	GULF GEAR LD 80W-90
GULF OIL INTERNATIONAL, PITTSBURG/USA	GULF GEAR TDL 80W-90
HANDEL MIJ NOVIOL B.V., NIJMEGEN/NL	KENDALL NS-MP GEAR LUBE SAE 80W-90
HUILES BERLIET S.A., SAINT PRIEST/F	RTO HD 80W-90
HUILES BERLIET S.A., SAINT PRIEST/F	RTO LONGEVIA P ECO 80W-140
HUILES BERLIET S.A., SAINT PRIEST/F	RTO LONGEVIA P ECO 80W-90
HUILES BERLIET S.A., SAINT PRIEST/F	RTO LONGEVIA TC ECO 80W-90
IGOL FRANCE SA, AMIENS/F	GEAR M 80W90
IGOL FRANCE SA, AMIENS/F	HYPOID B SAE85W90
IGOL FRANCE SA, AMIENS/F	LONG GEAR 80W90
INDIAN OIL CORPORATION LTD., MUMBAI/IND	SERVO GEAR SUPER 85W-90(T)
JOHN DEERE, WATERLOO/USA	GL-5 GEAR LUBRICANT (80W-90)
JOHN DEERE, WATERLOO/USA	GL-5 GEAR LUBRICANT (85W-140)
KOMPRESSOL-OEL VERKAUFS GMBH, KÖLN/D	KOMPRESSOL-HYPOID EW SAE 80W-90
KRAFFT S.L., ANDOAIN/E	HIDROIL EP SAE 80W-90
KROON-OIL B.V., ALMELO/NL	GEARLUBE GL-5 80W-90
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 AUTO 12 SAE 80W-90
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 AXLE OIL XG SAE 80W-140
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 GEAR OIL XG SAE 80W-90
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 T 55 SAE 80W-90
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 T 55 SAE 85W-140
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 T 55 SAE 90
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 T 65 SAE 75W-90
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 UNIGEAR GL-5 75W-90
LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/D	LIEBHERR GEAR HYPOID 90 EP
LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/D	LIEBHERR HYPOID 85W-140 EP
LIQUI MOLY GMBH, ULM/D	HYPOID GETRIEBEÖL GL 5 SAE 80W-90
LIQUI MOLY GMBH, ULM/D	HYPOID GETRIEBEÖL GL 5 SAE 85W-140
LIQUI MOLY GMBH, ULM/D	HYPOID GETRIEBEÖL GL 5 SAE 85W-90
LIQUI MOLY GMBH, ULM/D	HYPOID GETRIEBEÖL GL 5 SAE 90W
LIQUI MOLY GMBH, ULM/D	HYPOID GETRIEBEÖL TDL SAE 80W-90
LLK FINLAND OY, HAMINA/FIN	TEBOIL HYPOID SAE 80W-140
LLK FINLAND OY, HAMINA/FIN	TEBOIL HYPOID SAE 80W-90
LLK FINLAND OY, HAMINA/FIN	TEBOIL HYPOID SAE 90
LUBRICANT OIL COMPANY, SINOPEC, BEIJING/CN	GREATWALL 80W/90 GL-5
LUBRICANT OIL COMPANY, SINOPEC, BEIJING/CN	GREATWALL 85W/90 GL-5
MAZIVA ZAGREB D.O.O, ZAGREB/HR	INA HIPENOL GTL DB 90
MAZIVA ZAGREB D.O.O, ZAGREB/HR	INA HIPENOL GTL HD 80W-90
MAZIVA ZAGREB D.O.O, ZAGREB/HR	INA HIPENOL GTL HD 85W-140
MAZIVA ZAGREB D.O.O, ZAGREB/HR	INA HIPENOL TDL 80W-90
MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D	MEGOL HYPOID-GETRIEBEÖL GL 5 SAE 80W-90

MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D
 MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D
 MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D
 MILLERS OILS LIMITED, BRIGHOUSE/GB
 MINERALÖL-RAFFIN. DOLLBERGEN, UETZE-DOLLBERGEN/D
 MINERALÖL-RAFFIN. DOLLBERGEN, UETZE-DOLLBERGEN/D
 MINERALÖL-RAFFIN. DOLLBERGEN, UETZE-DOLLBERGEN/D
 MODRICA OIL REFINERY, MODRICA/BIH
 MODRICA OIL REFINERY, MODRICA/BIH
 MOL-LUB KFT., ALMÁSFÜZITŐ/H
 MOL-LUB KFT., ALMÁSFÜZITŐ/H
 MORRIS LUBRICANTS, SHREWSBURY/GB
 MORRIS LUBRICANTS, SHREWSBURY/GB
 MOTUL SA, AUBERVILLIERS CEDEX/F
 NEW PROCESS AG, TUBACH/CH
 NOVA STILMOIL SPA, MODENA/I
 OEST, GEORG MINERALÖLWERK, FREUDENSTADT/D
 OEST, GEORG MINERALÖLWERK, FREUDENSTADT/D
 OEST, GEORG MINERALÖLWERK, FREUDENSTADT/D
 OK NEDERLAND, STAPHORST/NL
 OMV REFINING & MARKETING GMBH, WIEN/A
 OMV REFINING & MARKETING GMBH, WIEN/A
 OMV REFINING & MARKETING GMBH, WIEN/A
 OOO "LLK-INTERNATIONAL", MOSCOW/RUS
 OOO "LLK-INTERNATIONAL", MOSCOW/RUS
 OPET PETROL CÜLÜK A.S., IZMIR/TR
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PANOLIN AG, MADETSWIL/CH
 PANOLIN AG, MADETSWIL/CH
 PANOLIN AG, MADETSWIL/CH
 PANOLIN AG, MADETSWIL/CH
 PAZ LUBRICANTS & CHEMICALS, HAIFA/IL
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETROBRAS DISTRIBUIDORA S.A., DUQUE DE CAXIAS/BR
 PETROBRAS DISTRIBUIDORA S.A., DUQUE DE CAXIAS/BR
 PETROBRAS DISTRIBUIDORA S.A., DUQUE DE CAXIAS/BR
 PETROGAL S.A., LISBOA/P
 PETROGAL S.A., LISBOA/P
 PETROGAL S.A., LISBOA/P
 PETROL OFISI A.S. MASLAK-ISTANBUL-TURKEY/TR
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PRISTA OIL EAD, ROUSSE/BG
 PRISTA OIL EAD, ROUSSE/BG
 PROFIL-TECH GMBH, GINGEN/D
 PT PERTAMINA (PERSERO), JAKARTA/RI
 PT PERTAMINA (PERSERO), JAKARTA/RI
 PT PERTAMINA (PERSERO), JAKARTA/RI
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D
 REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E
 REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E
 S.A.E.L., MADRID/E

MEGOL HYPOID-GETRIEBEOEL GL 5 SAE 85W-140
 MEGOL HYPOID-GETRIEBEOEL GL 5 SAE 85W-90
 MEGOL HYPOID-GETRIEBEOEL TDL SAE 80W-90
 SYNTRAN II
 PENNASOL HYPOID-GETRIEBEOEL GL 5 SAE 80W90
 PENNASOL HYPOID-GETRIEBEOEL GL 5 SAE 85W90
 PENNASOL HYPOID-GETRIEBEOEL GL 5 SAE 90
 HIPOIDNO ULJE B SAE 80W90
 HIPOIDNO ULJE B SAE 90
 MOL HYKOMOL K 85W-90
 MOL HYKOMOL ZF 80W-90
 MORRIS EP 80W/90
 MORRIS EP 85W/140
 MOTUL TRANS MB 85W-90
 HD GEAROIL SAE 90
 GEARING PLUS 80W90
 OEST MEHRZWECK-GETRIEBEÖL FE SAE 80W-90
 OEST MEHRZWECK-GETRIEBEÖL SPEZIAL SAE 85W-140
 OEST MEHRZWECK-GETRIEBEÖL SPEZIAL SAE 85W-90
 OK CARDAN OIL MP-B-SAE 80W/90
 OMV GEAR OIL B SAE 85W-90
 OMV GEAR OIL XD-5 SAE 80W-90
 OMV UNIGEAR SAE 80W-90
 LUKOIL TRANSMISSION TM-5 SAE 80W-90
 LUKOIL TRANSMISSION TM-5 SAE 85W-90
 ORSA HYPOID EP MT 90 SAE85W90
 PLATINUM GEAR GL-5 80W/90
 PAKELO GEAR OIL EP GL-5 SAE 80W/90
 PAKELO GEAR OIL EP GL-5 SAE 85W/140
 PAKELO GLOBAL GEAR CBS SAE 75W/90
 PAKELO GLOBAL GEAR DLS SAE 85W/140
 PAKELO GLOBAL GEAR DLS SAE 85W/90
 PAKELO GLOBAL GEAR SA SAE 80W/90
 PAKELO GLOBAL GEAR SA SAE 85W/140
 PAKELO GLOBAL GEAR SA SAE 85W/90
 PAKELO GLOBAL MULTIGEAR CBS
 PAKELO GLOBAL MULTIGEAR CBS DLS
 PAKELO GLOBAL MULTIGEAR SA SAE 80W/140
 PANOLIN SUPER DUTY 80W/90
 PANOLIN SUPER DUTY 85W/140
 PANOLIN SUPER DUTY 90
 PANOLIN TOPGEAR 80W/90
 PAZ GEAR LD 80W-90
 TRAXON 80W-90
 TRAXON 85W-140
 TRAXON XL SB 80W-140
 TRAXON XL SYNTHETIC BLEND 75W-90
 LUBRAX GOLD SAE 85W/140
 LUBRAX TRM-5 SAE 85W/140
 LUBRAX TRM-5 SAE 90
 GALP TRANSOIL HP 80W90
 GALP TRANSOIL HP 85W140
 GALP TRANSVEX TDL 85W140
 PO UNI. KEBAN EP MAN 80W/90
 AKCELA GEAR 135H EP (SAE 80W90)
 AKCELA GEAR 135H EP (SAE 85W140)
 AKROS EP 90 SAE 80W90
 AMBRA HYPOIDE 140 SAE 85W140
 AMBRA HYPOIDE 90 SAE 80W90
 ARBOR TRW 140 (SAE 85W140)
 ARBOR TRW 90 (SAE 80W90)
 TUTELA TRANSMISSION TRUCK W90/LA (SAE 80W-90)
 TUTELA W140/M-DA SAE 85W140
 TUTELA W90/M-DA SAE 80W90
 PRISTA EP 85W140
 PRISTA EP 90
 PROFIL CAR HYPOID PERFORMANCE GEAR SAE 80W-90 GL 5
 RORED HD-A SAE80W-90
 RORED HD-A SAE85W-140
 RORED HD-A SAE90
 RAVENOL HYPOID EPX GETR.-OEL 80W-90 GL 5
 CARTAGO EP SAE 90
 CARTAGO EP SAE 80W90
 GULF MULTIPURPOSE GEAR LUBRICANT 85W-90

SEPAHAN OIL COMPANY, TEHRAN/IR	SAMIN SPEEDY EPX
SHARJAH NATIONAL LUBE OIL CO. LTD., SHARJAH/UAE	SHARLU MP GEAR LUBE 80W/90 (GL-5)
SHARJAH NATIONAL LUBE OIL CO. LTD., SHARJAH/UAE	SHARLU MP GEAR LUBE 85W/140(GL-5)
SHELL BRASIL, BARRA DA TIJUCA - RIO DE JANEIRO/BR	SHELL SPIRAX A 90 (IN BRASIL ONLY)
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL SPIRAX AX 80W-90
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL SPIRAX AX 85W-140
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL SPIRAX AX 90
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL SPIRAX AX PLUS 80W-90
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL SPIRAX MB 90
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL SPIRAX MX 80W-90
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D	SRS GETRIEBEFLUID SML 80W-90
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D	SRS WIOLIN HYPOID-GETRIEBEÖL 80W-90
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D	SRS WIOLIN HYPOID-GETRIEBEÖL 85W-140
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D	SRS WIOLIN HYPOID-GETRIEBEÖL 90
STATOIL LUBRICANTS, STOCKHOLM/S	GEARWAY G5 80W-90
STATOIL LUBRICANTS, STOCKHOLM/S	GEARWAY G5 85W-140
STRUB + CO AG, REIDEN/CH	STRUB MULTIGEAR SGO 80W-90
SWD LUBRICANTS GMBH & CO. KG, DUISBURG/D	SWD RHEINOL SYNKROL 5 SAE 80W90
SYNECO SPA, SAN GIULIANO MILANESE/I	AMPLEX 80W90
SYNECO SPA, SAN GIULIANO MILANESE/I	AMPLEX 85W140
TEDEX PRODUCTION SP.Z.O.O., TOMASZOW MAZOWIECKI/PL	TEDEX SUPER GEAR OIL (3343M) SAE 80W90
TOTAL LUBRIFIANTS S.A., PARIS/F	FINA PONTONIC MP 80W-90
TOTAL LUBRIFIANTS S.A., PARIS/F	FINA PONTONIC MP 85W-140
TOTAL LUBRIFIANTS S.A., PARIS/F	FINA PONTONIC MP 85W-90
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL EP B 80W-90
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL EP B 85W-90
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL EP-B 85W-140
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL TRANSMISSION MDL 80W-90
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL TRANSMISSION RS FE 80W-140
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL TRANSMISSION RS FE 80W-90
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL TRANSMISSION XPM 80W-90
TOTAL LUBRIFIANTS S.A., PARIS/F	TRANSELF TYPE B 80W-90
TOTAL LUBRIFIANTS S.A., PARIS/F	TRANSELF TYPE B 90
TOTAL LUBRIFIANTS S.A., PARIS/F	TRANSELF UNIVERSAL FE 80W-140
TOTAL LUBRIFIANTS S.A., PARIS/F	TRANSELF UNIVERSAL FE 80W-90
UNIL OPAL, SAUMUR CEDEX/F	UNIL OPAL GEAR ZF 80W90
VALVOLINE EUROPE, DORDRECHT/NL	HP GEAR OIL GL-5 PLUS SAE 80W-90
VIAL OIL LTD., MOSCOW/RUS	CONSOL TRANS LUX SAE 80W-90
ZELLER + GMELIN GMBH & CO., EISLINGEN/D	DIVINOL GEAR OIL STO SAE 80W-90
ZELLER + GMELIN GMBH & CO., EISLINGEN/D	DIVINOL HYPOID-GETRIEBEÖL SAE 85W-140
ZELLER + GMELIN GMBH & CO., EISLINGEN/D	DIVINOL SYNTHOGEAR SAE 75W-90
ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/D	ZF-ECOFLUID X

Lubricant class 05B**Gear oil**

Viscosity grades: SAE 75W-90 / 75W-110 / 75W-140 / 80W-90 / 80W-110 / 80W-140 / 85W-90 / 85W-110 / 85W-140 / 90

Manufacturer (05B)

AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D
 AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D
 ARAL AG, BOCHUM/D
 ARAL AG, BOCHUM/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CEPESA LUBRICANTS S.A., MADRID/E
 CHEVRONTEXACO, GHENT/B
 CONDAT LUBRIFIANTS, CHASSE SUR RHONE/F
 DE OLIEBRON B.V., ZWIJNDRECHT/NL
 DE OLIEBRON B.V., ZWIJNDRECHT/NL
 ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 FUCHS PETROLUB AG, MANNHEIM/D
 GINOUVES GEORGES SA, LA FARLEDE/F
 GINOUVES GEORGES SA, LA FARLEDE/F
 GRUPA LOTOS SA, GDANSK/PL
 GULF OIL INTERNATIONAL, PITTSBURG/USA
 HANDEL MIJ NOVIOL B.V., NIJMEGEN/NL
 HUILES BERLIET S.A., SAINT PRIEST/F
 IGOL FRANCE SA, AMIENS/F
 KROON-OIL B.V., ALMELO/NL
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 LLK FINLAND OY, HAMINA/FIN
 LLK FINLAND OY, HAMINA/FIN
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D
 MILLERS OILS LIMITED, BRIGHOUSE/GB
 MOTUL SA, AUBERVILLIERS CEDEX/F
 NESTE MARKKINOINTI OY, ESPOO/FIN
 NEW PROCESS AG, TUBACH/CH
 OEST, GEORG MINERALÖLWERK, FREUDENSTADT/D
 OK NEDERLAND, STAPHORST/NL
 OK NEDERLAND, STAPHORST/NL
 OMV REFINING & MARKETING GMBH, WIEN/A
 PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I
 PANOLIN AG, MADETSWIL/CH
 PANOLIN AG, MADETSWIL/CH
 PETROGAL S.A., LISBOA/P
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E
 S.A.E.L., MADRID/E
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 STRUB + CO AG, REIDEN/CH
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 VALVOLINE EUROPE, DORDRECHT/NL
 VIAL OIL LTD., MOSCOW/RUS
 YACCO, ST PIERRE LES ELBEUF/F
 ZELLER + GMELIN GMBH & CO., EISLINGEN/D

Trade name (05B)

AGIP HLX, SAE 75W-90
 AGIP ROTRA TRUCK GEAR S, SAE 75W-90
 ARAL GETRIEBEÖL BS 75W-90
 ARAL GETRIEBEÖL SNA-E 75W-90
 AVIA SYNTOGEAR FE 75W-90 EP
 BP ENERGEGEAR SHX-M SAE 75W-90
 ENERGEGEAR SHX-M SAE 75W-90
 MOTOREX UNISYNT TX
 CASTROL DYNADRIVE PLUS 75W90
 CASTROL SAF-XO SAE 75W-90
 CEPESA TRANSMISIONES EP FE+LD 75W-90
 MULTIGEAR S 75W-90
 GEAR SLX 75W140
 TOR UNI GEAR 75W110 LD
 TOR UNIGEAR 75W90 LD
 ROTRA LSX 75W-90
 MOBIL DELVAC SYNTHETIC GEAR OIL 75W-90
 MOBIL DELVAC SYNTHETIC GEAR OIL 80W-140
 MOBILUBE 1 SHC 75W-90
 MOBILUBE SHC 75W-90
 TITAN CYTRAC HSY SAE 75W-90
 YORK 896
 YORK 896 75W110
 TITANIS SUPER GL-5 75W90
 GULF SYNGEAR 75W-90
 KENDALL TOTAL DRIVE LINE ED 75W90
 RTO LONGEVIA TCX ECO 75W-90
 SYNTHEGEAR SAE75W90
 TRANSMISSION OIL SP 1011
 Q8 TRANS XGS SAE 75W-90
 TEBOIL HYPOID SAE 75W-140
 TEBOIL HYPOID SAE 75W-90
 INA HIPENOL SHD 75W-90
 MEGOL GETRIEBEOEL TRUCK-SYNTH SAE 75W-90
 SYNTRAN FE
 MOTUL GEAR SYNT TDL 75W-90
 NESTE HYPOIDI TDL S 75W-90
 GEAROIL SYNTH
 OEST SYNTH GETRIEBEÖL SAE 75W-90
 OK UNI-CARDAN OIL LD-SAE 75W/90
 QUINTOL TRANSMISSION OIL VS-45 SAE 75W/90
 OMV UNIGEAR S SAE 75W-90
 PAKELO GLOBAL MULTIGEAR TS SAE 75W/90
 PANOLIN SUPER DUTY SYNTH 75W/140
 PANOLIN SUPER DUTY SYNTH 75W/90
 GALP TRANSVEX TDL 75W90
 TUTELA TRUCK FE-AXLE (75W-90)
 CARTAGO FE LD 75W90
 GULF SYTHETIC GEAR LUBRICANT 75W-90
 SHELL SPIRAX ASX 75W-90
 SRS GETRIEBEFLUID BOS
 VULCOGEAR SYNT SGX 75W-90
 FINA PONTONIC FDL 75W-90
 TOTAL TRANSMISSION SYN FE 75W-90
 TRANSELF SYNTHESSE FE 75W-90
 SYNPOWER GEAR OIL TDL 75W-90
 CONSOL TRANS LUX SAE 75W-90
 BVX 1000
 DIVINOL SYNTHOGEAR SL 75W-90

Lubricant class 05C**Gear oil with limited-slip-additives**

Viscosity grades: SAE 75W-90 / 75W-110 / 75W-140 / 80W-90 / 80W-110 / 80W-140 / 85W-90 / 85W-110 / 85W-140 / 90

Manufacturer (05C)

ADDINOL LUBE OIL GMBH, LEUNA/D
 ADDINOL LUBE OIL GMBH, LEUNA/D
 ARAL AG, BOCHUM/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CHEVRON BRASIL LTDA., RIO DE JANEIRO/BRAZIL
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, SYDNEY/AUS
 CLAAS KGAA MBH, HARSEWINKEL/D
 ENGEN PETROLEUM LTD., CAPE TOWN/ZA
 ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 FINKE MINERALÖLWERK GMBH, VISSELHÖVEDE/D
 FUCHS PETROLUB AG, MANNHEIM/D
 GAZPROMNEFT-ONPZ, OMSK/RUS
 GRUPA LOTOS SA, GDANSK/PL
 GRUPA LOTOS SA, GDANSK/PL
 GS CALTEX CORPORATION, SEOUL/ROK
 GULF OIL INTERNATIONAL, PITTSBURG/USA
 HANDEL MIJ NOVIOL B.V., NIJMEGEN/NL
 HINDUSTAN PETROLEUM CORP LTD., MUMBAI/IND
 HUILES BERLIET S.A., SAINT PRIEST/F
 INDIAN OIL CORPORATION LTD., MUMBAI/IND
 INDIAN OIL CORPORATION LTD., MUMBAI/IND
 KOMPRESSOL-OEL VERKAUFS GMBH, KÖLN/D
 KROON-OIL B.V., ALMELO/NL
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/D
 LLK FINLAND OY, HAMINA/FIN
 LUBRICANT OIL COMPANY, SINOPEC, BEIJING/CN
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MINERALÖL-RAFFIN. DOLLBERGEN, UETZE-DOLLBERGEN/D
 MOL-LUB KFT., ALMÁSFÜZITŐ/H
 MOL-LUB KFT., ALMÁSFÜZITŐ/H
 NORTHLAND PRODUCTS COMPANY, WATERLOO/USA
 NOVA STILMOIL SPA, MODENA/I
 OEST, GEORG MINERALÖLWERK, FREUDENSTADT/D
 OK NEDERLAND, STAPHORST/NL
 OK NEDERLAND, STAPHORST/NL
 OMV REFINING & MARKETING GMBH, WIEN/A
 PAKELO MOTOR OIL S.R.L, SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L, SAN BONIFACIO (VR)/I
 PANOLIN AG, MADETSWIL/CH
 PETROGAL S.A., LISBOA/P
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PTT PUBLIC COMPANY LIMITED, BANGKOK/TH
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D
 S.A.E.L., MADRID/E
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 SWD LUBRICANTS GMBH & CO. KG, DUISBURG/D
 SWD LUBRICANTS GMBH & CO. KG, DUISBURG/D
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F

Trade name (05C)

ADDINOL GETRIEBEÖL GH 80W-90 LS
 ADDINOL GETRIEBEÖL GH 85W-90 LS
 ARAL GETRIEBEÖL HYP LS 85W-90
 AVIA HYPOID 90 LS
 BAYWA GETRIEBEÖL HYPOID LS 90
 TECTROL MULTIGEAR LS 90
 GETRIEBEÖL LS 85W90
 BP ENERGEGEAR LIMSLIP 90
 FRONTOL GETRIEBEÖL LS 90
 MOTOREX GEAR OIL UNIVERSAL LS 80W/90
 CASTROL HYPOY LS 90
 CASTROL LSX
 GEARTEX LS 85W140
 GEARTEX LS 80W-90
 GEARTEX LS 85W-90
 CALTEX GEAR OIL ZF SAE 80W-90
 CLAAS AGRISHIFT BLS 90
 ENGEN GEARLUBE EP 90 LS - SAE 80W-90
 AGIP ROTRA MP/S, SAE85W-90
 ESSO GEAR OIL LSA 85W-90
 MOBILUBE LS 85W-90
 AVIATICON HYPOID LS 90
 TITAN GEAR LS 90
 G-TRUCK LS 80W-90
 LOTOS TITANIS LS GL-5 SAE 85W/140
 LOTOS TITANIS LS GL-5 SAE 80W/90
 DIC LS GEAR OIL 80W/90
 GULF GEAR LS 90
 KENDALL SPECIAL LIMITED SLIP AXLE GEAR LUBE 80W/90
 HP GEAR OIL LS 90
 RTO EP 90 GL
 SERVO GEAR SUPER LS 80W-90
 SERVO GEAR SUPER LS 90
 KOMPRESSOL-HYPOID LS SAE 90
 GEAR OIL LS 80W-90
 Q8 T 45 SAE 90
 LIEBHERR GEAR BASIC 90 LS
 TEBOIL HYPOID LS SAE 80W-90
 SINOPEC ZLS 85W/90 GL-5
 INA HIPENOL GTL LS 90
 PENNASOL LIMITED SLIP HYPOID GEAR OIL LS SAE 90
 MOL HYKOMOL LS 85W-90
 MOL HYKOMOL LS 85W140
 POSI-GRIP JDZF 80W90
 GEARING WONDER LS SAE 85W90
 OEST GETRIEBEÖL HYPOID LS 90
 OK CARDAN OIL MP-B-LS SAE 80W/90
 QUINTOL CARDAN OIL LS-90
 OMV GEAR OIL LS SAE 85W-90
 PAKELO UNIVERSAL GEAR EP/LS SAE 85W/140
 PAKELO UNIVERSAL GEAR EP/LS SAE 80W/90
 PANOLIN SUPER DUTY LS 90
 GALP LS 90
 AKCELA AXLEPOWER (80W90)
 AMBRA AXF 80W90
 AMBRA STF (80W90)
 TUTELA W90/LS (SAE 80W-90)
 PTT LIMITED SLIP (SAE 80W-90)
 RAVENOL SPERRDIFF.-GETR.-OEL LS 90
 GULF LS REAR AXLE OIL 80W-90
 SRS VIOLIN RSH
 SWD SYNKROL 5 LS SAE 80W90
 SWD SYNKROL 5 LS SAE 85W90
 ELF TRACTELF BLS 90
 FINA TRANSFLUID LS 80W-90
 TOTAL DYNATRANS DA 80W-90
 TOTAL DYNATRANS DA 85W-140

TOTAL LUBRIFIANTS S.A., PARIS/F
UNIL OPAL, SAUMUR CEDEX/F
VOLVO CONSTRUCTION EQUIPMENT, ESKILSTUNA/S
YACCO, ST PIERRE LES ELBEUF/F

TOTAL DYNATRANS LS 80W-90
UNIL OPAL GEAR AB-EP SAE 85W90
LIMITED SLIP GEAR OIL 85W-90
BVX LS 200

Lubricant class 05D

Gear oil with limited-slip-additives

Viscosity grades: SAE 75W-90 / 75W-110 / 75W-140 / 80W-90 / 80W-110 / 80W-140 / 85W-90 / 85W-110 / 85W-140 / 90

Manufacturer (05D)

AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D

ARAL AG, BOCHUM/D

AVIA MINERALÖL-AG, MÜNCHEN/D

BP INTERNATIONAL, PANGBOURNE, READING/GB

CASTROL INTERNATIONAL, PANGBOURNE READING/GB

EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA

SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D

TOTAL LUBRIFIANTS S.A., PARIS/F

Trade name (05D)

AGIP HLZ, SAE 75W-140

ARAL GETRIEBEÖL BS-LSX SAE 75W-140

AVIA HYPOID 75W-140 LSX

BP ENERGEAR SHX-ZR 75W-140

CASTROL SAF-XJ 75W-140

MOBIL GEARLUBE VS 500

SRS GETRIEBEFLUID BMS PLUS

TOTAL TRANSMISSION LS 75W-140

Lubricant class 05F

Universal Tractor Transmission Oil (UTTO)

Manufacturer (05F)

76 LUBRICANTS (CONOCOPHILLIPS COMP.), HOUSTON/USA
 ADDINOL LUBE OIL GMBH, LEUNA/D
 ARAL AG, BOCHUM/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CATERPILLAR INC., PEORIA/USA
 CEPESA LUBRICANTS S.A., MADRID/E
 CHEVRONTXACO, GHENT/B
 CLAAS KGAA MBH, HARSEWINKEL/D
 CNH, BURR RIDGE/USA
 CNH, BURR RIDGE/USA
 CONDAT LUBRIFIANTS, CHASSE SUR RHONE/F
 DE OLIEBRON B.V., ZWIJNDRECHT/NL
 ENGEN PETROLEUM LTD., CAPE TOWN/ZA
 ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 FUCHS PETROLUB AG, MANNHEIM/D
 FUCHS PETROLUB AG, MANNHEIM/D
 FUCHS PETROLUB AG, MANNHEIM/D
 FUCHS PETROLUB AG, MANNHEIM/D
 GINOUVES GEORGES SA, LA FARLEDE/F
 JOHN DEERE, MANNHEIM/D
 JOHN DEERE, WATERLOO/USA
 KENDALL MOTOR OIL (CONOCOPHILLIPS C.), HOUSTON/USA
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/D
 LLK FINLAND OY, HAMINA/FIN
 LUBRICANT OIL COMPANY, SINOPEC, BEIJING/CN
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 OK NEDERLAND, STAPHORST/NL
 OK NEDERLAND, STAPHORST/NL
 OMV REFINING & MARKETING GMBH, WIEN/A
 PAKELO MOTOR OIL S.R.L, SAN BONIFACIO (VR)/I
 PAKELO MOTOR OIL S.R.L, SAN BONIFACIO (VR)/I
 PANOLIN AG, MADETSWIL/CH
 PETROGAL S.A., LISBOA/P
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E
 SAVITA CHEMICALS LTD., MUMBAI/IND
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 STRUB + CO AG, REIDEN/CH
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F

Trade name (05F)

76 HYDRAULIC/TRACTOR FLUID
 ADDINOL UTTO SAE 10W30
 ARAL FLUID HGS 10W-30
 AVIA HYDROFLUID DLZ
 BAYWA HYDRA HYDRAULIKFLUID
 TECTROL UTTO - HF
 TECTROL UTTO - ZF
 ADAMOL TRANSMISSION-TRAKTOROIL SAE 10W-30
 ARISTOL MULTIFLUID HG SAE 10W-30
 BP TERRAC SUPER TRANSMISSION 10W-30
 BP TERRAC SUPER TRANSMISSION CVT 10W-30
 BP TRACTRAN TF 10 10W-30
 MOTOREX FARMER POLY 304
 CASTROL AGRI TRANS PLUS 10W-30
 CASTROL AGRI TRANS PLUS CVT 10W-30
 CASTROL AGRI TRANS PLUS CVT 80W
 CATERPILLAR MULTIPURPOSE TRACTOR OIL (MTO) 10W-30
 CEPESA AURIGA TE 55 (SAE 10W-30)
 TEXTRAN TDH PREMIUM
 CLAAS AGRISHIFT GA 12
 CASE TRANSAXLE FLUID, 80W-140
 NEW HOLLAND TRX FLUID, 80W-140
 POLYTRANS KM (20W40)
 TOR GEAR OIL UTTO
 ENGEN AGRIFLUID
 AGIP ROTRA MULTI THT
 MOBIL AGRIFLUID 424
 MOBILFLUID 424
 MOBILFLUID 426
 AGRIFARM UTTO MP
 TITAN UTTO HYDRA
 TITAN UTTO J20C
 TITAN UTTO ZF SAE 20W-40
 YORK 676 10W30
 JOHN DEERE HY-GARD
 JOHN DEERE HY-GARD
 KENDALL HYKEN 052
 Q8 T 2000
 Q8 T 2100
 Q8 T 2200
 LIEBHERR GEAR PLUS 20W-40
 TEBOIL WETOL
 HYDRAULIC-TRANSMISSION MULTIFUNCTIONAL FLUID 10W30
 INA TRANSHIDROL JD 50
 INA TRANSHIDROL ZF 20W-40
 OK HTU PLUS
 QUINTOL REAR AXLE FLUID F.I.D.
 OMV AUSTROMATIC IGB SAE 10W-30
 PAKELO UTTO FLUID 4D SAE 10W/30
 PAKELO UTTO FLUID 4D SAE 20W/40
 PANOLIN JD 303
 GALP TRALUB 807S
 AKCELA NEXPLORE (SAE 10W-30)
 AKCELA TRANSAXLE FLUID (SAE 80W-140)
 AMBRA MULTI G
 AMBRA TRX 20W-40
 AMBRA TRX 80W-140
 ARBOR MTF 10W-30 (SAE 10W-30)
 AGRO ORION SAE 10W30
 SAVSOL 315 HAT
 SHELL DONAX TD
 SHELL DONAX TD PLUS
 SHELL DONAX TDS 10W-30
 SRS HYDROFLUID N
 VULCOTRAC UTTO SAE 20W-40
 ELF TRACTELF BF 16
 TOTAL DYNATRANS LS 20W-40
 TOTAL DYNATRANS MPV
 TOTAL DYNATRANS MPWB

UNIL OPAL, SAUMUR CEDEX/F
VALVOLINE EUROPE, DORDRECHT/NL
VOLVO CONSTRUCTION EQUIPMENT, ESKILSTUNA/S
WOLF OIL CORPORATION N.V., HEMIKSEM/B

FLUID VO
VALVOLINE UNITRAC 80W
VOLVO WETBRAKE TRANSAXLE OIL (WB101)
WOLF UTTO 170 VOLVO BM SAE 10W30

Lubricant class 05G

Universal construction-machinery oil

Manufacturer (05G)

ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/D

Trade name (05G)

ZF-POWERFLUID

Lubricant class 05H

Biodegradable lubricants

Viscosity grade: SAE 75W-80

Instructions on the use of biodegradable lubricants:

The oil manufacturer's change-over directives included in the product description are to be observed when change-over to biodegradable lubricants is effected.

Manufacturer (05H)

PANOLIN AG, MADETSWIL/CH

Trade name (05H)

PANOLIN BIOFLUID LS

Lubricant class 05K

Engine oil

Viscosity grades: SAE 10W, 10W-30, 10W-40

in accordance with Specification

API CD/CE/CF-4/CF/CG-4/CH-4/CI-4

or SF/SG/SH/SJ/SL

or ACEA, categories A, B, E

Note:

All trade products which satisfy the above specifications may be used. There will be no product listing.

Lubricant class 05L

Automatic Transmission Fluid (ATF) based on mineral base fluids according to former Dexron IID, IIIF, IIIG or IIIH specification by General Motors.

Note:

All trade products which satisfy the above specifications may be used. There will be no product listing.