



**Converter transmissions for off-road equipment
(off-road vehicles, special vehicles, lift truck)**

List of lubricants TE-ML 03

Product group	Lubricant classes for service fills (1)
WG WG 80, 81, 83, 85, 86 WG 92, 98, 100 WG 120, 121, 150, 151 WG 180, 181, 200, 201 WG 250, 251 WG 65 HN 500 PW 45H ERGOPOWER WG 110	<p style="text-align: center;">ZF-Powerfluid</p> <p style="text-align: center;">03A, 03E, 03G, 03H</p> <p>only at ambient temperatures below - 10°C: 03D, 03F</p> <p style="text-align: center;">Special approvals after consultation with ZF.</p>
ERGOPOWER WG 115, 130, 160, 161, 190, 210, 211 WG 260, 261 WG 310, 311	<p style="text-align: center;">ZF-Powerfluid</p> <p style="text-align: center;">03A, 03B, 03C, 03D, 03E, 03G, 03H</p> <p>only at ambient temperatures below - 10°C: 03F</p>
WG 92 S4	<p style="text-align: center;">03A</p> <p style="text-align: center;">JOHN DEERE, Waterloo/USA: HY-GARD</p> <p>only at ambient temperatures below - 10°C: 03F</p>
Transfer box TB92-432, TB98-612, TB92-430 I4	<p style="text-align: center;">ZF-Powerfluid</p> <p style="text-align: center;">03E, 03G, 03H</p>

(1) Refer to the following pages for approved commercial products and low temperature limits.

A lithium saponified multipurpose grease of NLGI class 2 which is mixable with mineral oil is to be used at greasing points (grease code KP2K-30 in acc. with DIN 51825 or ISO-L-XCCHB2 in accordance with ISO 6743-9).

Additives of any kind added **later** to the oil change the oil in a manner that is unpredictable, and they are therefore not permitted. No liability of any kind will be accepted by ZF for any damage resulting from the use of such additives.

Note low-temperature limits and oil change intervals on page 2!

The list of lubricants TE-ML 03, Edition 01.10.2006 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 Passau GmbH D-94030 Passau phone: + 49 7541 77 7853 fax: + 49 7541 77 7319	ZF Friedrichshafen AG D-88038 Friedrichshafen
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Oil change intervals

Lubricant class	03A, 03B, 03C, 03D, 03E, 03F, 03H	ZF Powerfluid 03G
Load class	Oil change interval	
1	1500 h	2000 h
2	1000 h	1500 h

Load classes

Load class	Examples of applications
1	- normal operation
2	- frequent reversing/retarder operation

Low temperatures limits

Lubricant classes	Oil type / viscosity grades	Use at outside temperatures above	
		WG / WG 92 S4 / TB	ERGOPOWER
03D	- ATF	- 30°C	- 40°C
03F	- UTTO in accordance with JDM J20D / John Deere Low Viscosity Hy-Gard	- 30°C	- 40°C
ZF-Powerfluid 03E, 03G, 03H	- UTTO	- 20°C	- 30°C
03B, 03C	- SAE 5W-30, 5W-40	- 25°C	- 35°C
03A, 03B, 03C	- SAE 10W, 10W-30, 10W-40	- 20°C	- 30°C
03A, 03C	- SAE 15W-30, 15W-40	- 15°C	- 25°C
03A, 03C	- SAE 20W-20, 20W-40	- 10°C	- 20°C
03A, 03C	- SAE 30	- 5°C	- 10°C

Lubricant class 03A

Mineral oil-based engine oil

(API CD/CE/CF-4/CF/CG-4/CH-4/CI-4/SF/SG/SH/SJ/SL or ACEA, categories A, B, E)

Viscosity grades: SAE 20W-20 / 30 / 10W-30 / 10W-40 / 15W-30 / 15W-40 / 20W-40

Note:

All mineral oil-based engine oils which satisfy the above specifications may be used. There will be no product listing.

Lubricant class 03B**Engine oil**

(API CD/CE/CF-4/CF/CG-4/CH-4/CI-4/SF/SG/SH/SJ/SL or ACEA, categories A, B, E)

Viscosity grades: SAE 10W / 5W-30 / 5W-40

Manufacturer (03B)

ARAL AG, BOCHUM/D
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 COMP.BRASIL. D. PETRO. IPIRANGA, RIO DE JANEIRO/BR
 FL SELENIA S.P.A., VILLASTELLONE/I
 FL SELENIA S.P.A., VILLASTELLONE/I
 FL SELENIA S.P.A., VILLASTELLONE/I
 FUCHS LUBRICANTS (UK) PLC, HANLEY/GB
 FUCHS PETROLUB AG, MANNHEIM/D
 GINOUVES GEORGES SA, LA FARLEDE/F
 GS CALTEX CORPORATION, SEOUL/ROK
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 LIQUI MOLY GMBH, ULM/D
 LUBRICATION ENGINEERS, INC., FORT WORTH, TEXAS/USA
 MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D
 MORRIS LUBRICANTS, SHREWSBURY/GB
 ORLY INTERNATIONAL G.I.E., VIEUX-THANN/F
 PAKELO MOTOR OIL S.R.L. SAN BONIFACIO (VR)/I
 PANOLIN AG, MADETSWIL/CH
 REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 STATOIL LUBRICANTS, STOCKHOLM/S
 TOTAL LUBRIFIANTS S.A., PARIS/F

Trade name (03B)

ARAL BASIC TURBORAL 10W
 BLASOL 10W20
 ULTRAMO TURBO 10W
 AKCELA SUPER 10 (SAE 10W)
 AMBRA SUPER 10 (SAE 10W)
 URANIA C SAE 10 W
 TITAN TXE 10
 FUCHS TITAN UNIVERSAL HD SAE 10W
 YORK 730 SAE 10W
 DOOSAN 10W
 Q8 T 400 SAE 10W
 Q8 T 520 SAE 10W
 TOURING HIGH TECH SAE 10W
 MONOLEC GFS ENGINE OIL SAE 10
 MEGOL MOTORENOEL HD-C3 SG SAE 10W
 RING FREE XHD 10W
 ORLY DRACO 3001 SAE 10W
 PAKELO PKO HD 4 SAE 10W
 PANOLIN EXTRA DIESEL 10W
 TELEX W SAE 10W
 SHELL RIMULA X 10W
 WINTERSHALL REKORD 10W
 DIESELWAY 10W
 TOTAL RUBIA S 10W

Lubricant class 03C**Off highway lubricants**

Viscosity grades: SAE 5W-30 / 5W-40 / 10W / 10W-30 / 10W-40 / 15W-30 / 15W-40 / 20W-20 / 20W-40 / 30

Manufacturer (03C)

76 LUBRICANTS (CONOCOPHILLIPS COMP.), HOUSTON/USA
 76 LUBRICANTS (CONOCOPHILLIPS COMP.), HOUSTON/USA
 ADDINOL LUBE OIL GMBH, LEUNA/D
 ARAL AG, BOCHUM/D
 ARAL AG, BOCHUM/D
 BAYWA AG, MÜNCHEN/D
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 BP INTERNATIONAL, PANGBOURNE, READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 CATERPILLAR INC., PEORIA/USA
 CATERPILLAR INC., PEORIA/USA
 CEPESA LUBRICANTS S.A., MADRID/E
 CEPESA LUBRICANTS S.A., MADRID/E
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, SYDNEY/AUS
 CHEVRONTEXACO, SYDNEY/AUS
 CHEVRONTEXACO, SYDNEY/AUS
 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 LUBRICANTS (UK) PLC, HANLEY/GB
 FUCHS PETROLUB AG, MANNHEIM/D
 GINOUVES GEORGES SA, LA FARLEDE/F
 KENDALL MOTOR OIL (CONOCOPHILLIPS C.), HOUSTON/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
 MAGNA INDUSTRIAL CO. LIMITED, HONG KONG/HK
 MAGNA INDUSTRIAL CO. LIMITED, HONG KONG/HK
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MORRIS LUBRICANTS, SHREWSBURY/GB
 MORRIS LUBRICANTS, SHREWSBURY/GB
 OMV REFINING & MARKETING GMBH, WIEN/A
 OMV REFINING & MARKETING GMBH, WIEN/A
 ORLY INTERNATIONAL G.I.E., VIEUX-THANN/F
 PRISTA OIL AD, ROUSSE/BG
 PRISTA OIL AD, ROUSSE/BG
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D
 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
 S.A.E.L., MADRID/E
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 SUN OIL COMPANY (BELGIUM) N.V., AARTSELAAR/B
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F

Trade name (03C)

76 HT/4 FLUID 10W
 76 HT/4 FLUID 30
 ADDINOL FLUID TO-4 SAE 30
 ARAL FLUID TO-4 SAE 10W
 ARAL FLUID TO-4 SAE 30
 BAYWA MOTORENÖL HDC SAE 30
 TRANSFLUID TF 10W
 TRANSFLUID TF 30
 BP AUTRAN 410
 BP AUTRAN 430
 CASTROL TFC 410
 CASTROL TFC 430
 CAT TDTO SAE 10W
 CAT TDTO SAE 30
 CEPESA TRANSMISIONES TO-4 SAE 10W
 CEPESA TRANSMISIONES TO-4 SAE 30
 CHEVRON DRIVE TRAIN FLUID HD (SAE 30)
 CHEVRON DRIVE TRAIN FLUID HD SAE 10W
 TEXACO TRANSMISSION & DRIVE TRAIN OIL 10W
 TEXACO TRANSMISSION & DRIVE TRAIN OIL 30
 TEXTRAN HD 10W
 TEXTRAN HD 30
 CALTEX TORQUE FLUID 414
 CALTEX TORQUE FLUID 434
 CALTEX TORQUE FLUID 434A
 ROTRA CT 30
 ESSOTRANS/EXXTRANS 10W
 ESSOTRANS/EXXTRANS 30
 MOBILTRANS HD 10W
 MOBILTRANS HD 30
 TITAN TO4 HD10
 TITAN UTTO TO-4 SAE 30
 YORK 792 SAE 30
 KENDALL POWERSHIFT TRANSMISSION FLUID 10W
 KENDALL POWERSHIFT TRANSMISSION FLUID 30
 Q8 TO-4 FLUID SAE 10W
 Q8 TO-4 FLUID SAE 30
 OMEGA 696 SAE 10W
 OMEGA 696 SAE 30
 INA TRANSMATIK 10W
 INA TRANSMATIK 30
 LIQUIMATIC CT 10W
 LIQUIMATIC CT 30
 OMV CONSTRUCT TO-4 SAE 10W
 OMV CONSTRUCT TO-4 SAE 30
 ORLY SHIFT
 PRISTA TO-4 10W
 PRISTA TO-4 30
 RAVENOL CATOEL TO-4 SAE 10W
 RAVENOL CATOEL TO-4 SAE 30
 TRANSMISIONES TO-4 SAE 10W
 TRANSMISIONES TO-4 SAE 30
 GULF DYNATRANS 10W
 GULF DYNATRANS 30
 SHELL DONAX TC 30
 SHELL DONAX TC 30
 WINTERSHALL VIOLIN 410
 WINTERSHALL VIOLIN 430
 CATRALUBE 30
 FINA DYNATRANS TP SAE 10W
 FINA DYNATRANS TP SAE 30

Lubricant class 03D

Automatic Transmission Fluids (ATF)

Manufacturer (03D)

ACPA, ALEXANDRIA/E
 ADDINOL LUBE OIL GMBH, LEUNA/D
 ADDINOL LUBE OIL GMBH, LEUNA/D
 AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D
 ALEXANDRIA MINERAL OILS COMPANY, ALEXANDRIA/ET
 ALEXANDRIA MINERAL OILS COMPANY, ALEXANDRIA/ET
 AMERICAN AGIP COMPANY, CABOT/USA
 ARAL AG, BOCHUM/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BEHRAN OIL CO., TEHRAN/IR
 BELGIN MADENI YAGLAR, GEBZE KOCAELI/TR
 BELGIN MADENI YAGLAR, GEBZE KOCAELI/TR
 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
 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 GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, SYDNEY/AUS
 CHEVRONTEXACO, SYDNEY/AUS
 CYCLON HELLAS S.A., MAROUSSI ATHENS/GR
 DE OLIEBRON B.V., ZWIJNDRECHT/NL
 DE OLIEBRON B.V., ZWIJNDRECHT/NL
 DELTA PETROLEUM, ST. ROSE/USA
 ENGEN PETROLEUM LTD., CAPE TOWN/ZA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 FL BRASIL, CONTAGEM/BR
 FL SELENIA S.P.A., VILLASTELLONE/I
 FL SELENIA S.P.A., VILLASTELLONE/I
 FL SELENIA S.P.A., VILLASTELLONE/I
 FL SELENIA S.P.A., VILLASTELLONE/I
 FUCHS PETROLUB AG, MANNHEIM/D
 FUCHS PETROLUB AG, MANNHEIM/D
 GENOL GMBH & CO., WIEN/A
 GINOUVES GEORGES SA, LA FARLEDE/F
 GRUPA LOTOS SA, GDANSK/PL
 HANDEL MIJ NOVIOL B.V., NIJMEGEN/NL
 HUILES BERLIET S.A., SAINT PRIEST/F
 HYDROTEX, CARROLLTON, TEXAS/USA
 IGOL FRANCE SA, AMIENS/F
 IGOL FRANCE SA, AMIENS/F
 IGOL FRANCE SA, AMIENS/F
 KLORA GRES VE YAG SANAYI A.S., GEBZE/KOCAELI / TR
 KRAFFT S.L., ANDOAIN/E
 KRAFFT S.L., ANDOAIN/E
 KRAFFT S.L., ANDOAIN/E
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 LIQUI MOLY GMBH, ULM/D
 LUBRICATION ENGINEERS, INC., FORT WORTH, TEXAS/USA
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D
 MOL-LUB LTD., ALMASFUZITO/H
 MORRIS LUBRICANTS, SHREWSBURY/GB
 MORRIS LUBRICANTS, SHREWSBURY/GB

Trade name (03D)

ACPA ATF DEX IID
 ADDINOL ATF D II D
 ADDINOL ATF D III
 AGIP DEXRON III
 AMOC POWER (D-21611)
 AMOC POWER PLUS
 AGIP HD SYNTHETIC BLEND ATF
 ARAL GETRIEBEOL ATF 22
 AVIA FLUID ATF 86
 AVIA FLUID ATF 98
 BAYWA ATF 3000
 BEHRAN AUTOMATIC II
 LUBEX ATF-II
 LUBEX ATF-III M
 ATF GM
 BP AUTRAN DX II
 BP AUTRAN MBX
 MOTOREX ATF SUPER
 CASTROL TQ-D (22256)
 CEPSA ATF 2000 (SAE 10W)
 CEPSA ATF 70
 TEXAMATIC 4291
 CHEVRON AUTOMATIC TRANSMISSION FLUID MERCON V
 CHEVRON MULTI-VEHICLE ATF
 TEXACO HAVOLINE ATF MERCON V
 TEXACO HAVOLINE MULTI-VEHICLE ATF
 TEXAMATIC 4291
 TEXTRAN PSM
 CALTEX ATF-HDM
 CALTEX ATF-HDM
 ATF TYPE D
 TOR ATF 289
 TOR ATF DMM
 MERCON V DEXRON III H
 ENGEN ATF III
 ESSO ATF D2
 MOBIL ATF 220
 TUTELA GI/A PLUS
 AKCELA TRANS XHD
 AMBRA HYDRODEX 3
 TUTELA CAR GI/E
 TUTELA GI/A
 TITAN ATF 3000
 TITAN ATF 4000
 GENOL ATF MULTIFLUID
 YORK 785
 LOTOS ATF IID
 KENDALL ATF DEXRON II D
 RTO STARMATIC 3
 HY-TORQUE Z (ATF)
 ATF 420
 ATF 420
 ATF 430
 KLORA ATF II K
 ATF SYNTHETIC D3
 ATF-D.21247 SAE 10W
 KRAFFT ATF 21247
 Q8 AUTO 14
 Q8 AUTO 15
 LIQUI MOLY ATF DEXRON IID
 1150 TRANS-ALL EHP AUTOMATIC TRANSMISSION FLUID
 INA ATF DX IID
 INA ATF SUPER
 MEGOL HYDRAULIKOEL ATF DEXRON II D
 MOL ATF
 LIQUIMATIC D II
 LIQUIMATIC SUPER ATF

MOTUL SA, AUBERVILLIERS CEDEX/F
 MOTUL SA, AUBERVILLIERS CEDEX/F
 NUEVA FL IBERICA S.L., CANOVELLAS/E
 NUEVA FL IBERICA S.L., CANOVELLAS/E
 OEL-BRACK AG, HUNZENSCHWIL/CH
 OMV REFINING & MARKETING GMBH, WIEN/A
 OMV REFINING & MARKETING GMBH, WIEN/A
 OOO LUKOIL-VOLGOGRADNEFTEPERERABOTKA,VOLGOGRAD/RUS
 PAKELO MOTOR OIL S.R.L, SAN BONIFACIO (VR)/I
 PANOLIN AG, MADETSWIL/CH
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETROGAL S.A., LISBOA/P
 PETROL OFISI A.S, MASLAK-ISTANBUL-TURKEY/TR
 PRISTA OIL AD, ROUSSE/BG
 PRZEDSIĘBIORSTWO MODEX-OIL, KWIDZYN/PL
 RAFINERIA NAFTY JEDLICZE SA, JEDLICZE/PL
 RAFINERIA NAFTY JEDLICZE SA, JEDLICZE/PL
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D
 REDOIL ITALIA SPA, SAN VITALIANO (NA)/I
 REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E
 REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E
 REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E
 RS200 MOTOR OIL, LAKKOMA/GR
 S.A.E.L., MADRID/E
 S.A.E.L., MADRID/E
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SINGAPORE PETROLEUM COMPANY LTD., SINGAPORE/CN
 SLOVNAFT A.S., BRATISLAVA/SK
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 STATOIL LUBRICANTS, STOCKHOLM/S
 STATOIL LUBRICANTS, STOCKHOLM/S
 SUN OIL COMPANY (BELGIUM) N.V., AARTSELAAR/B
 SYNECO SPA, SAN GIULIANO MILANESE/I
 TEDEX PRODUCTION SP.Z.O.O., TOMASZOW MAZOWIECKI/PL
 TOROS MADENI YAGLAR NAKLIYAT, SELCUKLU - KONYA/TR
 TOROS MADENI YAGLAR NAKLIYAT, SELCUKLU - KONYA/TR
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 UNIL S.A., SAUMUR CEDEX/F
 VALVOLINE EUROPE, DORDRECHT/NL
 VEEDOL INTERNATIONAL, PANGBOURNE READING/GB
 WARREN OIL CO., DUNN, NORTH CAROLINA/USA
 YACCO, ST PIERRE LES ELBEUF/F
 ZELLER + GMELIN GMBH & CO., EISLINGEN/D

MOTUL DEXRON II D
 MOTUL DEXRON III
 ARBOR MTA
 TUTELA GIIA
 MIDLAND ATF M3 PLUS
 OMV ATF D II (D22427)
 OMV ATF III
 ATF
 PAKELO MULTIPURPOSE TRANSMISSION FLUID II D
 PANOLIN ATF DEXRON III
 HEAVY DUTY SYNTHETIC BLEND ATF
 MERCON V ATF H-36007
 SYNTHETIC BLEND ATF
 GALP TRANSMATIC D II
 PO ATF-2
 PRISTA ATF
 VECO MATIC IID
 HIPOL ATF II D
 HIPOL ATF III
 RAVENOL AUTOM.-GETR.-OEL DEXRON D II
 RAVENOL DEXRON F III
 CHALLOILS ATF III
 HIDRO ATF
 MATIC ATF
 REPSOL ATF 3
 ATF DEXRON IID
 GULF ATF D II D
 GULF ATF HIGH TECH
 SHELL DONAX TA (D-21631)
 SHELL DONAX TA (D-21666)
 SHELL DONAX TA (D-21774)
 SHELL DONAX TV
 SHELL DONAX TX
 SPC ATF III
 MADIT AUTOMATIC
 WINTERSHALL ATF III
 STATOIL TRANSWAY DX II
 STATOIL TRANSWAY DX III
 SUNAMATIC 153
 ATF PLUS
 TEDEX ATF DEXRON II D
 TOROS OIL ATF II
 TOROS OIL ATF III
 ANTAR TRANSANTAR DF 3
 ELFMATIC G3
 FINAMATIC HP
 FINAMATIC II D
 TOTAL FLUIDE AT 42
 TOTAL FLUIDE ATX
 TOTAL FLUIDE G 3
 MATIC D
 VALVOLINE ATF TYPE D
 VEEDOL ATF DEXRON III (F-30521)
 UNIVERSAL SYNTHETIC BLEND AUTOMATIC TRANSMISSION F
 YACCO ATF III
 DIVINOL FLUID III F

Lubricant class 03E**Universal Tractor Transmission Oil (UTTO)****Manufacturer (03E)**

ADDINOL LUBE OIL GMBH, LEUNA/D
BUCHER AG LANGENTHAL, LANGENTHAL/CH
CEPSA LUBRICANTS S.A., MADRID/E
CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
CHEVRONTEXACO, GHENT/B
CHEVRONTEXACO, GHENT/B
MAZIVA ZAGREB D.O.O, ZAGREB/HR
MOL-LUB LTD., ALMASFUZITO/H
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
TOTAL LUBRIFIANTS S.A., PARIS/F
TOTAL LUBRIFIANTS S.A., PARIS/F
TOTAL LUBRIFIANTS S.A., PARIS/F

Trade name (03E)

ADDINOL UTTO SAE 10W-30
MOTOREX POLYFARM 304
CEPSA AURIGA TE 55 (SAE 10W-30)
CHEVRON 1000 THF
TEXACO TDH OIL
TEXTRAN TDH
TEXTRAN TDH PREMIUM
INA TRANSHIDROL JD 50
MOL TRAKTOL JD
SHELL DONAX TD 10W-30
SHELL DONAX TD 5W-30
SHELL DONAX TD PLUS
SHELL DONAX TDS 10W-30
ANTAR TRANSANTAR THF 16
ELF TRACTELF BF 16
TOTAL DYNATRANS MPV

Lubricant class 03F

Universal Tractor Transmission Oil (UTTO) in accordance with Group standard ZFN 13030,
use at outside temperatures below -10°C

Manufacturer (03F)

JOHN DEERE, WATERLOO/USA

Trade name (03F)

JOHN DEERE LOW VISCOSITY HY-GARD

Lubricant class 03G

Universal construction-machinery oil

Manufacturer (03G)

JOHN DEERE, WATERLOO/USA
ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/D

Trade name (03G)

JOHN DEERE HY-GARD, SAE 10W30
ZF-POWERFLUID

Lubricant class 03H

Biodegradable lubricants

Environmental label RAL-UZ 79 (Blauer Engel), VAMIL-regeling

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 (03H)

PANOLIN AG, MADETSWIL/CH

Trade name (03H)

PANOLIN BIOFLUID ZFH