



**Powershift transmissions, type Ecomat (1),
for buses, trucks, and special vehicles**

List of lubricants TE-ML 14

Product groups	Approved lubricants for service fills
<p>Ecomat (Oil sump temperatures below 100°C) (3)</p> <p>HP500, HP590, HP600 HP502C, HP552C, HP592C, HP602C, HP504C, HP554C, HP594C, HP604C</p> <p>Ecomat HL (Oil sump temperatures below 100°C) (3)</p> <p>HP900, HP902</p>	<p>Lubricant class 14A / 14B / 14C / 14E Automatic Transmission Fluids (ATF)</p> <p>Refer to the following pages for approved commercial products and oil change intervals</p> <p>Particularly recommended: ZF-Ecofluid A PLUS (14E) (2)</p>
<p>Ecomat (Oil sump temperatures of up to 105°C) (4)</p> <p>HP502C, HP552C, HP592C, HP602C, HP504C, HP554C, HP594C, HP604C</p> <p>Ecomat HL (Oil sump temperatures of up to 105°C) (4)</p> <p>HP900, HP902</p>	<p>14E</p> <p>Particularly recommended: ZF-Ecofluid A PLUS (14E) (2)</p>

- (1) Automatic powershift transmissions, type EcoLife, also refer to List of lubricants TE-ML 20.
- (2) The fully synthetic ATF ZF-Ecofluid A PLUS was specially developed for use in automatic powershift transmissions installed in CVs. The combination of synthetic basic oil on the basis of polyalphaolefin and a specially well balanced package of additives ensures excellent oxidation stability, a very constant friction coefficient, and high-quality protection of all transmission components. Due to the flat viscosity characteristic curve the oils are also particularly well suited for applications in regions of cold or hot climate.
- (3) Transmissions with oil sump temperatures below 100°C.
- (4) Ecomat 2 plus- and Ecomat 4- transmissions with oil sump temperatures above 100°C may only be operated with fluids from the 14E lubricants category. Always use fluids according to 14E in borderline cases or in the case of uncertainty with reference to transmission operation temperature.

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.

<p>The list of lubricants TE-ML 14, 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.</p>	<p>ZF Friedrichshafen AG D-88038 Friedrichshafen phone: + 49 7541 77 7461 fax: + 49 7541 77 7319</p>
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Table 1: Oil and filter change intervals for Ecomat transmissions in buses:

Lubricant class (See overleaf for approved trade products)	Oil and filter change interval [km/year] (5)
14A	30.000 km 1 x year
14B	60.000 km 1 x every 2 years
14C	120.000 km 1 x every 2 years
14E	150.000 km 1 x every 3 years

(5) Oil change required, depending on what occurs first.

Note:

In case of initial oil change transition from an ATF of the lubricants category 14A or 14B to an ATF featuring extended oil change intervals, an interim oil change interval after < 60.000 km/max. 2 years is required.

Table 2: Oil and filter change intervals for Ecomat transmissions in trucks, off-road equipment and special vehicles:

Lubricant class (See overleaf for approved trade products)	Oil and filter change interval [h/year]	
	Normal operating conditions (6), (7)	Tough operating conditions (6), (8)
14A	400 h 1 x year	300 h 1 x year
14B	750 h 1 x year	500 h 1 x year
14C	1500 h 1 x year	1000 h 1 x year
14E	2000 h 1 x every 2 years	1500 h 1 x year

(6) Oil change required, depending on what occurs first. The operating instructions apply in the case of deviating information.

(7) Standard application: Fire fighting vehicles, construction machinery, and dumpers with high mileage share.

(8) Extreme applications: Refuse collection vehicles, vehicles featuring high share of off-road use (low mileage share, high level of shift efforts).

Note:

In case of initial oil change transition from an ATF of the lubricants category 14A or 14B to an ATF featuring extended oil change intervals, an interim oil change interval after < 750h/max. 1 year is required.

Lubricant class 14A**Manufacturer (14A)**

ACPA, ALEXANDRIA/E
 ADDINOL LUBE OIL GMBH, LEUNA/D
 ADDINOL LUBE OIL GMBH, LEUNA/D
 AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D
 AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D
 ALEXANDRIA MINERAL OILS COMPANY, ALEXANDRIA/ET
 ALEXANDRIA MINERAL OILS COMPANY, ALEXANDRIA/ET
 AMALIE PETROQUIMICA, SL, MADRID/E
 ANATOLIA MADENI YAG SAN. TIC. LTD.STI., ANKARA/TR
 ARAL AG, BOCHUM/D
 ARAL AG, BOCHUM/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BEHRAN OIL CO., TEHRAN/IR
 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
 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
 CEPSA LUBRICANTS S.A., MADRID/E
 CEPSA LUBRICANTS S.A., MADRID/E
 CHEVRONTEXACO, GHENT/B
 CHEVRONTEXACO, SYDNEY/AUS
 CYCLON HELLAS S.A., MAROUSSI ATHENS/GR
 DE OLIEBRON B.V., ZWIJNDRECHT/NL
 DE OLIEBRON B.V., ZWIJNDRECHT/NL
 ENGEN PETROLEUM LTD., CAPE TOWN/ZA
 ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I
 EUROL BV., NIJVERDAL/NL
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA
 FABRIKA MAZIVA FAM A.D, KRUEVAC/SRB
 FUCHS PETROLUB AG, MANNHEIM/D
 FUCHS PETROLUB AG, MANNHEIM/D
 FUCHS PETROLUB AG, MANNHEIM/D
 GAZPROMNEFT-ONPZ, OMSK/RUS
 GB LUBRICANTS LTD., GATESHEAD/GB
 GENOL GMBH & CO., WIEN/A
 GINOUVES GEORGES SA, LA FARLEDE/F
 GINOUVES GEORGES SA, LA FARLEDE/F
 GINOUVES GEORGES SA, LA FARLEDE/F
 GRUPA LOTOS SA, GDANSK/PL
 GRUPA LOTOS SA, GDANSK/PL
 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
 INDIAN OIL CORPORATION LTD., MUMBAI/IND
 KLORA GRES VE YAG SANAYI A.S., GEBZE/KOCAELI / TR
 KOCAK PETROL URUNLERI SAN LTD., KOCAELI/TR
 KRAFFT S.L., ANDOAIN/E
 KRAFFT S.L., ANDOAIN/E
 KROON-OIL B.V., ALMELO/NL
 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
 LIQUI MOLY GMBH, ULM/D
 LIQUI MOLY GMBH, ULM/D
 LIQUI MOLY GMBH, ULM/D
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MAZIVA ZAGREB D.O.O, ZAGREB/HR

Trade name (14A)

ACPA ATF DEX IID
 ADDINOL ATF D II D
 ADDINOL ATF D III
 AGIP ATF D 309
 AGIP DEXRON III
 AMOC POWER (D-21611)
 AMOC POWER PLUS
 AMALIE ATF DEXRON III
 SUPER OIL ATF II
 ARAL GETRIEBEOL ATF 22
 ARAL GETRIEBEÖL ATF 55
 AVIA FLUID ATF 86
 BAYWA ATF 3000
 TECTROL ATF 3000
 TECTROL ATF 4000
 BEHRAN AUTOMATIC II
 BEHRAN AUTOMATIC III
 LUBEX ATF-II
 LUBEX ATF-III M
 ATF GM
 BP AUTRAN DX III
 ATF DEXRON III H
 MOTOREX ATF SUPER
 CASTROL ATF TQ DIII
 CASTROL TQ DEXRON III
 CASTROL TQ-D (22256)
 CEPSA ATF 2000 S
 CEPSA ATF 70
 TEXAMATIC 4291
 CALTEX TEXAMATIC 1322S
 ATF TYPE D
 TOR ATF 289
 TOR ATF DMM
 ENGEN ATF III
 AGIP DEXRON III
 EUROL ATF IIIF
 ESSO ATF D2
 MOBIL ATF 220
 MOBIL ATF 320
 ATF D II SAE 75W
 TITAN ATF 3000
 TITAN ATF 3000 CHINA
 TITAN ATF 4000
 G-BOX ATF DX II
 GB ATF III
 GENOL ATF MULTIFLUID
 YORK 686
 YORK 687
 YORK 787
 LOTOS ATF II D
 LOTOS ATF IID
 LOTOS ATF III G
 KENDALL ATF DEXRON II D
 RTO STARMATIC 3
 HY-TORQUE Z (ATF)
 ATF 430
 SERVO TRANSDEX II
 KLORA ATF II K
 SPEEDOL ATF DEXRON II
 ATF D-21247 SAE 10W
 ATF SYNTHETIC D3
 ALMIROL ATF
 Q8 AUTO 14
 Q8 AUTO 15
 Q8 AUTO 20
 ATF III
 LIQUI MOLY ATF DEXRON IID
 TOP TEC ATF 1100
 INA ATF DX IID
 INA ATF DX III

MAZIVA ZAGREB D.O.O, ZAGREB/HR	INA ATF SUPER
MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D	MEGOL HYDRAULIKOEL ATF DEXRON II D
MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D	MEGOL TRANSMISSION-FLUID ATF III
MOL-LUB KFT., ALMÁSFÜZITŐ/H	MOL ATF
MOL-LUB KFT., ALMÁSFÜZITŐ/H	MOL ATF 3G
MORRIS LUBRICANTS, SHREWSBURY/GB	LIQUIMATIC D II
MORRIS LUBRICANTS, SHREWSBURY/GB	LIQUIMATIC SUPER ATF
MOTUL SA, AUBERVILLIERS CEDEX/F	MOTUL DEXRON II D
MOTUL SA, AUBERVILLIERS CEDEX/F	MOTUL DEXRON III
NACCO MATERIALS HANDLING BV, NIJMEGEN/NL	NACCO ATF IIIF
OEL-BRACK AG, HUNZENSCHWIL/CH	MIDLAND ATF M3 PLUS
OK NEDERLAND, STAPHORST/NL	OK TRANSMISSION OIL ATF-III
OK NEDERLAND, STAPHORST/NL	QUINTOL TRANSMISSION FLUID AQ-III
OMV REFINING & MARKETING GMBH, WIEN/A	OMV ATF D II (D22427)
OMV REFINING & MARKETING GMBH, WIEN/A	OMV ATF III
OMV REFINING & MARKETING GMBH, WIEN/A	OMV ATF III
OOO "LLK-INTERNATIONAL", MOSCOW/RUS	ATF
OPET PETROLČULŪK A.S., IZMIR/TR	ATF DEXRON II
ORLEN OIL SP. Z O.O., KRAKOW/PL	HIPOL ATF II D
ORLEN OIL SP. Z O.O., KRAKOW/PL	HIPOL ATF III
PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I	PAKELO MULTIPURPOSE TRANSMISSION FLUID II D
PANOLIN AG, MADETSWIL/CH	PANOLIN ATF DEXRON III
PARS OIL CO, TEHRAN/IR	PARS ENTEGHAL AUTOMATIC
PETROGAL S.A., LISBOA/P	GALP TRANSMATIC D II
PETROL OFISI A.S, MASLAK-ISTANBUL-TURKEY/TR	PO ATF-2
PETRONAS LUBRICANTS BELGIUM NV, AARTSELAAR/B	SUNAMATIC 149
PETRONAS LUBRICANTS BELGIUM NV, AARTSELAAR/B	SUNAMATIC 153
PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL	AKCELA TRANS XHD
PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL	AMBRA HYDRODEX 3
PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL	TUTELA CAR G/IE
PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL	TUTELA G/IA
PETRONAS LUBRICANTS SPAIN S.L.U., CANOVELLAS/E	ARBOR MTA
PETRONAS LUBRICANTS SPAIN S.L.U., CANOVELLAS/E	TUTELA GI / A
PETRONAS LUBRIFICANTES BRASIL S.A., CONTAGEM/BR	TUTELA GI/A PLUS
POWER INTERNATIONAL CHEMICAL & OIL CORPORATION	KA NASA KEN
PRISTA OIL EAD, ROUSSE/BG	PRISTA ATF
RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D	RAVENOL AUTOM.-GETR.-OEL DEXRON D II
RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D	RAVENOL DEXRON F III
REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E	HIDRO ATF
REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E	MATIC ATF
REPSOL YPF LUBRICANTES Y ESPECIALIDADES, MADRID/E	REPSOL ATF 3
RILUB SPA, OTTAVIANO - NA/I	EURATF 3
RS200 MOTOR OIL, LAKKOMA/GR	ATF DEXRON IID
S.A.E.L., MADRID/E	GULF ATF D II D
S.A.E.L., MADRID/E	GULF ATF HIGH TECH
SEPAHAN OIL COMPANY, TEHRAN/IR	SEPAHAN ATF-2
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL DONAX TA
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D	SRS WIOLIN ATF D
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D	SRS WIOLIN ATF III
STATOIL LUBRICANTS, STOCKHOLM/S	STATOIL TRANSWAY DX II
STATOIL LUBRICANTS, STOCKHOLM/S	STATOIL TRANSWAY DX III
STATOIL LUBRICANTS, STOCKHOLM/S	STATOIL TRANSWAY PS DX III
SYNECO SPA, SAN GIULIANO MILANESE/I	ATF PLUS
TEDEX PRODUCTION SP.Z.O.O., TOMASZOW MAZOWIECKI/PL	TEDEX ATF II D
TNK LUBRICANTS, MOSCOW/RUS	TNK ATF IID
TOTAL LUBRIFIANTS S.A., PARIS/F	ELFMATIC G3
TOTAL LUBRIFIANTS S.A., PARIS/F	FINAMATIC HP
TOTAL LUBRIFIANTS S.A., PARIS/F	FINAMATIC II D
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL FLUIDE AT 42
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL FLUIDE ATX
TOTAL LUBRIFIANTS S.A., PARIS/F	TOTAL FLUIDE G 3
UNIL OPAL, SAUMUR CEDEX/F	MATIC D
VALVOLINE EUROPE, DORDRECHT/NL	VALVOLINE ATF TYPE D
YACCO, ST PIERRE LES ELBEUF/F	YACCO ATF III
YPF S.A., ENSAENADA/RA	HIDRO ATF
ZELLER + GMELIN GMBH & CO., EISLINGEN/D	DIVINOL FLUID III G

Lubricant class 14B

(*) Not approved for special transmissions with ratio i=5.6-0.83/1.0

Manufacturer (14B)

ADDINOL LUBE OIL GMBH, LEUNA/D
 ARAL AG, BOCHUM/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CASTROL INTERNATIONAL, PANGBOURNE READING/GB
 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 GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA
 CITGO PETROLEUM, TULSA/USA
 CITGO PETROLEUM, TULSA/USA
 COGNIS DEUTSCHLAND GMBH, MONHEIM/D
 COMERCIAL IMPORTADORA S.A. DE C.V., SANTA FE/MEX
 COMP.BRASIL. D. PETRO. IPIRANGA, RIO DE JANEIRO/BR
 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
 FUCHS PETROLUB AG, MANNHEIM/D
 GINOUVES GEORGES SA, LA FARLEDE/F
 GRUPA LOTOS SA, GDANSK/PL
 HUILES BERLIET S.A., SAINT PRIEST/F
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL
 LLK FINLAND OY, HAMINA/FIN
 LUBRICANT OIL COMPANY, SINOPEC, BEIJING/CN
 LUBRICANTES VENOCO INTERN. C.A. GUACARA/YV
 LUBRICATION ENGINEERS, INC., FORT WORTH, TEXAS/USA
 MAZIVA ZAGREB D.O.O., ZAGREB/HR
 MOL-LUB KFT., ALMÁSFÜZITŐ/H
 MOL-LUB KFT., ALMÁSFÜZITŐ/H
 NESTE MARKKINOINTI OY, ESPOO/FIN
 NEW PROCESS AG, TÜBACH/CH
 OMV REFINING & MARKETING GMBH, WIEN/A
 OMV REFINING & MARKETING GMBH, WIEN/A
 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
 PANOLIN AG, MADETSWIL/CH
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
 RALOY LUBRICANTES S.A. DE C.V., TIANGUISTENCO/MEX
 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
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 STATOIL LUBRICANTS, STOCKHOLM/S
 STATOIL LUBRICANTS, STOCKHOLM/S
 TEDEX PRODUCTION SP.Z.O.O., TOMASZOW MAZOWIECKI/PL
 TEDEX PRODUCTION SP.Z.O.O., TOMASZOW MAZOWIECKI/PL
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F

Trade name (14B)

ADDINOL ATF D II E (*)
 ARAL GETRIEBEÖL ATF E-S (*)
 AVIA FLUID ATF 92 S (*)
 ATF TP
 MOTOREX ATF II E SYNTHETIC (*)
 CASTROL IMPORT MULTIVEHICLE ATF
 CEPESA ATF 3000 S
 CALTEX SYNTHETIC ATF HEAVY DUTY
 CHEVRON AUTOMATIC TRANSMISSION FLUID MERCON V
 CHEVRON MULTI-VEHICLE ATF
 CHEVRON SYNTHETIC ATF HEAVY DUTY
 TEXACO HAVOLINE ATF MERCON V
 TEXACO HAVOLINE MULTI-VEHICLE ATF
 TEXACO SYNTHETIC ATF HEAVY DUTY
 CITGO TRANSGARD® ATF, MERCON® V
 CITGO TRANSGARD® MULTI-VEHICLE ATF
 EMGARD ATF 2801
 MULTI ATF PARA TODAS LAS MARCAS
 ISAMATIC MERCON V
 ATF II E (*)
 ESSO ATF LT 71141
 MOBIL 1 SYNTHETIC ATF
 MOBIL ATF LT 71141
 MOBIL ATF SHC (*)
 FUCHS TITAN ATF 5005
 TITAN ATF 5000 SL (*)
 YORK 886
 LOTOS ATF SUPER III G
 RTO STARMATIC S2 (*)
 Q8 AUTO 14 SYNTHETIC (*)
 Q8 AUTO 15 ED
 TEBOIL FLUID ES-MAX
 GW ATF-III LD
 VENOCO ATF MULTI - VEHICULO (75W)
 1150 TRANS-ALL EHP AUTOMATIC TRANSMISSION FLUID
 INA ATF EKSTRA (*)
 MOL ATF SYNT (*)
 MOL ATF SYNT 3H
 NESTE ATF-S (*)
 ATF SYNTH (*)
 OMV ATF Z2
 OMV ATF-S (*)
 HIPOL ATF IIE (*)
 PAKELO ATF DX III HTS
 PAKELO ATF XT III FLUID
 PAKELO AUXON II E
 PAKELO AUXON III
 PAKELO DX FLUID II TS (*)
 PANOLIN ATF SYNTH (*)
 HEAVY DUTY SYNTHETIC BLEND ATF
 TUTELA TRUCK ATF 90 (*)
 TRANSFLUID SYNTHETIC M-5
 RAVENOL DEXRON II E
 RAVENOL DEXRON III H
 MATIC SINTETICO (*)
 REPSOL MATIC III
 GULF ATF SYNT (*)
 SHELL DONAX TV
 SHELL DONAX TX
 SRS VIOLIN ATF DEXRON S (*)
 TRANSWAY S DX II
 TRANSWAY S DX III F
 TEDEX ATF III
 TEDEX ATF SYNTHETIC (*)
 ELFMATIC G2 SYN (*)
 ELFMATIC G3 SYN
 TOTAL FLUIDE SYN FE (*)

TOTAL LUBRIFIANTS S.A., PARIS/F
TOTAL LUBRIFIANTS S.A., PARIS/F
VALVOLINE EUROPE, DORDRECHT/NL
WAMECO, ZANICA (BG)/I
WARREN OIL CO., DUNN, NORTH CAROLINA/USA

TOTAL FLUIDE XLD FE
TOTAL FLUIDEMATIC SYN
VALVOLINE SYNPOWER ATF (*)
HELIFLUID 9600 TS
MULTI-VEHICLE SYNTHETIC BLEND ATF

Lubricant class 14C**Manufacturer (14C)**

ARAL AG, BOCHUM/D

BP INTERNATIONAL, PANGBOURNE, READING/GB

BP INTERNATIONAL, PANGBOURNE, READING/GB

CASTROL INTERNATIONAL, PANGBOURNE READING/GB

CASTROL INTERNATIONAL, PANGBOURNE READING/GB

KOMPRESSOL-OEL VERKAUFS GMBH, KÖLN/D

Trade name (14C)

ARAL GETRIEBEÖL ATF LD

BP AUTRAN LTF

BP AUTRAN SYN 295

CASTROL TRANSMAX Z

CASTROL TRANSYND

KOMPRESSOL-DEXRON SYNTH LTF

Lubricant class 14E

Manufacturer (14E)

PETRONAS LUBRICANTS INTERN., KUALA LUMPUR/MAL
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/D

Trade name (14E)

TUTELA TRUCK ATF 120
SHELL DONAX TZ
ZF-ECOFLUID A PLUS