



**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><b>Ecomat (Oil sump temperatures below 100°C) (3)</b></p> <p>HP500, HP590, HP600 HP502C, HP552C, HP592C, HP602C, HP504C, HP554C, HP594C, HP604C</p> <p><b>Ecomat HL (Oil sump temperatures below 100°C) (3)</b></p> <p>HP900, HP902</p>	<p><b>Lubricant class 14A / 14B / 14C / 14E Automatic Transmission Fluids (ATF)</b></p> <p>Refer to the following pages for approved commercial products and oil change intervals</p> <p><b>Particularly recommended: ZF-Ecofluid A PLUS (14E) (2)</b></p>
<p><b>Ecomat (Oil sump temperatures of up to 105°C) (4)</b></p> <p>HP502C, HP552C, HP592C, HP602C, HP504C, HP554C, HP594C, HP604C</p> <p><b>Ecomat HL (Oil sump temperatures of up to 105°C) (4)</b></p> <p>HP900, HP902</p>	<p><b>14E</b></p> <p><b>Particularly recommended: ZF-Ecofluid A PLUS (14E) (2)</b></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, <b>Edition 01.10.2009</b> replaces all previous editions. The current list can be requested from any ZF after-sales service center or accessed on the Internet under <a href="http://www.zf.com">www.zf.com</a>.</p>	<p><b>ZF Friedrichshafen AG</b> D-88038 Friedrichshafen phone: + 49 7541 77 7461 fax: + 49 7541 77 7319</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

**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  
 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  
 CEPESA LUBRICANTS S.A., MADRID/E  
 CEPESA 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  
 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  
 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  
 MAZIVA ZAGREB D.O.O, ZAGREB/HR  
 MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D

**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  
 ARAL GETRIEBEÖL 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)  
 CEPESA ATF 2000 S  
 CEPESA 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  
 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 420  
 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  
 INA ATF SUPER  
 MEGOL HYDRAULIKOEL ATF DEXRON II D

MEGUIN GMBH & CO. KG MINERALOELWERKE, SAARLOUIS/D  
MOL-LUB KFT., ALMÁSFÜZITŐ/H  
MOL-LUB KFT., ALMÁSFÜZITŐ/H  
MORRIS LUBRICANTS, SHREWSBURY/GB  
MORRIS LUBRICANTS, SHREWSBURY/GB  
MOTUL SA, AUBERVILLIERS CEDEX/F  
MOTUL SA, AUBERVILLIERS CEDEX/F  
NACCO MATERIALS HANDLING BV, NIJMEGEN/NL  
OEL-BRACK AG, HUNZENSCHWIL/CH  
OK NEDERLAND, STAPHORST/NL  
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  
OPET PETROLČULŪK A.S., IZMIR/TR  
ORLEN OIL SP. Z O.O., KRAKOW/PL  
ORLEN OIL SP. Z O.O., KRAKOW/PL  
PAKELO MOTOR OIL S.R.L. SAN BONIFACIO (VR)/I  
PANOLIN AG, MADETSWIL/CH  
PARS OIL CO, TEHRAN/IR  
PETROGAL S.A., LISBOA/P  
PETROL OFISI A.S, MASLAK-ISTANBUL-TURKEY/TR  
PETRONAS LUBRICANTS BELGIUM NV, AARTSELAAR/B  
PETRONAS LUBRICANTS BELGIUM NV, AARTSELAAR/B  
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 SPAIN S.L.U., CANOVELLAS/E  
PETRONAS LUBRICANTS SPAIN S.L.U., CANOVELLAS/E  
PETRONAS LUBRIFICANTES BRASIL S.A., CONTAGEM/BR  
POWER INTERNATIONAL CHEMICAL & OIL CORPORATION  
PRISTA OIL EAD, ROUSSE/BG  
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  
RILUB SPA, OTTAVIANO - NA/I  
RS200 MOTOR OIL, LAKKOMA/GR  
S.A.E.L., MADRID/E  
S.A.E.L., MADRID/E  
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB  
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D  
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D  
STATOIL LUBRICANTS, STOCKHOLM/S  
STATOIL LUBRICANTS, STOCKHOLM/S  
STATOIL LUBRICANTS, STOCKHOLM/S  
SYNECO SPA, SAN GIULIANO MILANESE/I  
TEDEX PRODUCTION SP.Z.O.O., TOMASZOW MAZOWIECKI/PL  
TNK LUBRICANTS, MOSCOW/RUS  
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 OPAL, SAUMUR CEDEX/F  
VALVOLINE EUROPE, DORDRECHT/NL  
YACCO, ST PIERRE LES ELBEUF/F  
YPF S.A., ENSAENADA/RA  
ZELLER + GMELIN GMBH & CO., EISLINGEN/D

MEGOL TRANSMISSION-FLUID ATF III  
MOL ATF  
MOL ATF 3G  
LIQUIMATIC D II  
LIQUIMATIC SUPER ATF  
MOTUL DEXRON II D  
MOTUL DEXRON III  
NACCO ATF IIIF  
MIDLAND ATF M3 PLUS  
OK TRANSMISSION OIL ATF-III  
QUINTOL TRANSMISSION FLUID AQ-III  
OMV ATF D II (D22427)  
OMV ATF III  
OMV ATF III  
ATF  
ATF DEXRON II  
HIPOL ATF II D  
HIPOL ATF III  
PAKELO MULTIPURPOSE TRANSMISSION FLUID II D  
PANOLIN ATF DEXRON III  
PARS ENTEGHAL AUTOMATIC  
GALP TRANSMATIC D II  
PO ATF-2  
SUNAMATIC 149  
SUNAMATIC 153  
AKCELA TRANS XHD  
AMBRA HYDRODEX 3  
TUTELA CAR GI/E  
TUTELA GI/A  
ARBOR MTA  
TUTELA GI / A  
TUTELA GI/A PLUS  
KA NASA KEN  
PRISTA ATF  
RAVENOL AUTOM.-GETR.-OEL DEXRON D II  
RAVENOL DEXRON F III  
CHALLOILS ATF III  
HIDRO ATF  
MATIC ATF  
REPSOL ATF 3  
EURATF 3  
ATF DEXRON IID  
GULF ATF D II D  
GULF ATF HIGH TECH  
SHELL DONAX TA  
SRS WIOLIN ATF D  
SRS WIOLIN ATF III  
STATOIL TRANSWAY DX II  
STATOIL TRANSWAY DX III  
STATOIL TRANSWAY PS DX III  
ATF PLUS  
TEDEX ATF II D  
TNK ATF IID  
ELFMATIC G3  
FINAMATIC HP  
FINAMATIC II D  
TOTAL FLUIDE AT 42  
TOTAL FLUIDE ATX  
TOTAL FLUIDE G 3  
MATIC D  
VALVOLINE ATF TYPE D  
YACCO ATF III  
HIDRO ATF  
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, TUBACH/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