



Powershift transmissions for buses and trucks

List of lubricants TE-ML 14

Product groups	Approved lubricants for service fills
Ecomat (below 100°C) (2) HP500, HP590, HP600 HP502C, HP552C, HP592C, HP602C, HP504C, HP554C, HP594C, HP604C	Lubricant class 14A / 14B / 14C / 14E Automatic Transmission Fluids (ATF) Refer to the following pages for approved commercial products and oil change intervals Particularly recommended: ZF-Ecofluid A PLUS (14E) (1)
Ecomat (below 105°C) (3) HP502C, HP552C, HP592C, HP602C, HP504C, HP554C, HP594C, HP604C	14E Particularly recommended: ZF-Ecofluid A PLUS (14E) (1)
Ecolife (4) 6AP1000, 6AP1200 6AP1400, 6AP1410 6AP1700, 6AP2000	14F Particularly recommended: ZF-Ecofluid Life (1)

- (1) 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.
- (2) Transmissions with oil sump temperatures below 100°C.
- (3) 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.
- (4) Because of usually very high oil temperatures, the EcoLife transmission was designed particularly for oils of the lubricant class 14F. ATF (automatic transmission fluid) of the lubricant classes 14A-14E must not be used.

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.

The list of lubricants TE-ML 14, 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 Friedrichshafen AG D-88038 Friedrichshafen phone: + 49 7541 77 7461 fax: + 49 7541 77 7319
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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.

Tabelle 2: Oil and pressure filter change intervals for EcoLife transmissions in buses:

Lubricant class (See overleaf for approved trade products)	Oil and pressure filter change interval [km/year] ⁽⁵⁾
14F	150.000 km 1 x every 3 years

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

Table 3: Oil and filter change intervals for Ecomat transmissions in trucks and off-road equipment:

Lubricant class (See overleaf for approved trade products)	Oil and filter change interval [h/year]	
	Normal operating conditions (5), (6)	Tough operating conditions (5), (7)
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

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

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

(7) 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
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BAYWA AG, MÜNCHEN/D
 BEHRAN OIL CO., TEHRAN/R
 BEHRAN OIL CO., TEHRAN/R
 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
 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
 CEPESA 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
 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
 GB LUBRICANTS LTD., GATESHEAD/GB
 GENOL GMBH & CO., WIEN/A
 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
 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
 KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL

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 GETRIEBEOL ATF 22
 ARAL GETRIEBEÖL ATF 55
 AVIA FLUID ATF 86
 AVIA FLUID ATF 98
 BAYWA ATF 3000
 BEHRAN AUTOMATIC II
 BEHRAN AUTOMATIC III
 LUBEX ATF-II
 LUBEX ATF-III M
 ATF GM
 BP AUTRAN DX II
 BP AUTRAN DX III
 BP AUTRAN MBX
 MOTOREX ATF SUPER
 CASTROL TQ DEXRON III
 CASTROL TQ-D (22256)
 CEPESA ATF 2000 (SAE 10W)
 CEPESA 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
 CALTEX TEXAMATIC 1322S
 ATF TYPE D
 TOR ATF 289
 TOR ATF DMM
 MERCON V DEXRON III H
 ENGEN ATF III
 ESSO ATF D2
 MOBIL ATF 220
 TUTELA G/IA PLUS
 AKCELA TRANS XHD
 AMBRA HYDRODEX 3
 TUTELA CAR G/IE
 TUTELA G/IA
 TITAN ATF 3000
 TITAN ATF 4000
 GB ATF III
 GENOL ATF MULTIFLUID
 YORK 686
 YORK 785
 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 420
 ATF 430
 KLORA ATF II K
 ATF SYNTHETIC D3
 ATF-D.21247 SAE 10W
 KRAFFT ATF 21247
 Q8 AUTO 14
 Q8 AUTO 15
 Q8 AUTO 20

LIQUI MOLY GMBH, ULM/D	LIQUI MOLY ATF DEXRON IID
MAZIVA ZAGREB D.O.O., ZAGREB/HR	INA ATF DX IID
MAZIVA ZAGREB D.O.O., ZAGREB/HR	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
MOL-LUB LTD., ALMASFUZITO/H	MOL ATF
MOL-LUB LTD., ALMASFUZITO/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
NUEVA FL IBERICA S.L., CANOVELLAS/E	ARBOR MTA
NUEVA FL IBERICA S.L., CANOVELLAS/E	TUTELA G/A
OEL-BRACK AG, HUNZENSCHWIL/CH	MIDLAND ATF M3 PLUS
OMV REFINING & MARKETING GMBH, WIEN/A	OMV ATF D II (D22427)
OMV REFINING & MARKETING GMBH, WIEN/A	OMV ATF III
OOO LUKOIL-VOLGOGRADNEFTEPERERABOTKA,VOLGOGRAD/RUS	ATF
PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I	PAKELO MULTIPURPOSE TRANSMISSION FLUID II D
PANOLIN AG, MADETSWIL/CH	PANOLIN ATF DEXRON III
PETROGAL S.A., LISBOA/P	GALP TRANSMATIC D II
PETROL OFISI A.S, MASLAK-ISTANBUL-TURKEY/TR	PO ATF-2
PRISTA OIL AD, ROUSSE/BG	PRISTA ATF
PRZEDSIĘBIORSTWO MODEX-OIL, KWIDZYN/PL	VECO MATIC IID
RAFINERIA NAFTY JEDLICZE SA, JEDLICZE/PL	HIPOL ATF II D
RAFINERIA NAFTY JEDLICZE SA, JEDLICZE/PL	HIPOL ATF III
RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D	RAVENOL AUTOM.-GETR.-OEL DEXRON D II
RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D	RAVENOL DEXRON F III
REDOIL ITALIA SPA, SAN VITALIANO (NA)/I	CHALLOILS ATF 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
RS200 MOTOR OIL, LAKKOMA/R	ATF DEXRON IID
S.A.E.L., MADRID/E	GULF ATF D II D
S.A.E.L., MADRID/E	GULF ATF HIGH TECH
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL DONAX TA (D-21631)
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL DONAX TA (D-21666)
SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB	SHELL DONAX TA (D-21774)
SINGAPORE PETROLEUM COMPANY LTD., SINGAPORE/CN	SPC ATF III
SLOVNAFT A.S., BRATISLAVA/SK	MADIT AUTOMATIC
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D	WINTERSHALL ATF III
STATOIL LUBRICANTS, STOCKHOLM/S	STATOIL TRANSWAY DX II
STATOIL LUBRICANTS, STOCKHOLM/S	STATOIL TRANSWAY DX III
SUN OIL COMPANY (BELGIUM) N.V., AARTSELAAR/B	SUNAMATIC 149
SUN OIL COMPANY (BELGIUM) N.V., AARTSELAAR/B	SUNAMATIC 153
SYNECO SPA, SAN GIULIANO MILANESE/I	ATF PLUS
TEDEX PRODUCTION SP.Z.O.O., TOMASZOW MAZOWIECKI/PL	TEDEX ATF DEXRON II D
TOROS MADENI YAGLAR NAKLIYAT, SELCUKLU - KONYA/TR	TOROS OIL ATF II
TOROS MADENI YAGLAR NAKLIYAT, SELCUKLU - KONYA/TR	TOROS OIL ATF III
TOTAL LUBRIFIANTS S.A., PARIS/F	ANTAR TRANSANTAR DF 3
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 S.A., SAUMUR CEDEX/F	MATIC D
VALVOLINE EUROPE, DORDRECHT/NL	VALVOLINE ATF TYPE D
VEEDOL INTERNATIONAL, PANGBOURNE READING/GB	VEEDOL ATF DEXRON III (F-30521)
YACCO, ST PIERRE LES ELBEUF/F	YACCO ATF III
ZELLER + GMELIN GMBH & CO., EISLINGEN/D	DIVINOL FLUID III F

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
 AMERICAN AGIP COMPANY, CABOT/USA
 AMSOIL, SUPERIOR/USA
 ARAL AG, BOCHUM/D
 AVIA MINERALÖL-AG, MÜNCHEN/D
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 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, GHENT/B
 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
 FL SELENIA S.P.A., VILLASTELLONE/I
 FUCHS PETROLUB AG, MANNHEIM/D
 GINOUVES GEORGES SA, LA FARLEDE/F
 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
 LUBRICATION ENGINEERS, INC., FORT WORTH, TEXAS/USA
 MAZIVA ZAGREB D.O.O, ZAGREB/HR
 MOL-LUB LTD., ALMASFUZITO/H
 NESTE MARKKINOINTI OY, ESPOO/FIN
 NEW PROCESS AG, TUBACH/CH
 OEL-BRACK AG, HUNZENSCHWIL/CH
 OMV REFINING & MARKETING GMBH, WIEN/A
 ORLY INTERNATIONAL G.I.E., VIEUX-THANN/F
 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
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN
 RAFINERIA NAFTY JEDLICZE SA, JEDLICZE/PL
 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
 SHELL INTERNATIONAL PETROLEUM COMP LTD, LONDON/GB
 SLOVNAFT A.S., BRATISLAVA/SK
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D
 STATOIL LUBRICANTS, STOCKHOLM/S
 STATOIL LUBRICANTS, STOCKHOLM/S
 SUOMEN PETROOLI OY, HAMINA/FIN
 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
 TOTAL LUBRIFIANTS S.A., PARIS/F
 TOTAL LUBRIFIANTS S.A., PARIS/F
 VALVOLINE EUROPE, DORDRECHT/NL
 WARREN OIL CO., DUNN, NORTH CAROLINA/USA
 ZF GETRIEBE GMBH, SAARBRÜCKEN/D

Trade name (14B)

ADDINOL ATF D II E (*)
 AGIP HD SYNTHETIC BLEND ATF
 AMSOIL 206 SYNTHETIC ATF
 ARAL GETRIEBEÖL ATF E-S (*)
 AVIA FLUID ATF 92 S (*)
 MOTOREX ATF II E SYNTHETIC (*)
 CEPESA ATF SYNTHETIC (*)
 CALTEX SYNTHETIC ATF HEAVY DUTY
 CHEVRON SYNTHETIC ATF HEAVY DUTY
 TEXACO SYNTHETIC ATF HEAVY DUTY
 TEXAMATIC S (*)
 ISAMATIC MERCON V
 ATF II E (*)
 ESSO ATF LT 71141
 MOBIL ATF SHC (*)
 MOBIL MULTI-VEHICLE ATF
 TUTELA TRUCK ATF 90 (*)
 TITAN ATF 5000 SL (*)
 YORK 886
 RTO STARMATIC S2 (*)
 Q8 AUTO 14 SYNTHETIC (*)
 Q8 AUTO 15 ED
 1150 TRANS-ALL EHP AUTOMATIC TRANSMISSION FLUID
 INA ATF EKSTRA (*)
 MOL ATF SYNT (*)
 NESTE ATF-S (*)
 ATF SYNTH (*)
 MIDLAND ATF XD (*)
 OMV ATF-S (*)
 ORLY MATIC ATF DEXRON II E (*)
 PAKELO ATF DX III HTS
 PAKELO AUXON II E (*)
 PAKELO AUXON III
 PAKELO DX FLUID II TS (*)
 PANOLIN ATF SYNTH (*)
 HEAVY DUTY SYNTHETIC BLEND ATF
 MERCON V ATF H-36007
 SYNTHETIC BLEND ATF
 HIPOL ATF II E (*)
 TRANSFLUID SYNTHETIC M-5
 RAVENOL DEXRON II E (*)
 RAVENOL DEXRON III H
 MATIC SINTETICO (*)
 REPSOL MATIC III
 GULF ATF SYNT (*)
 SHELL ATF XS (*)
 SHELL DONAX TV
 SHELL DONAX TX
 MADIT AUTOMATIC II E (*)
 WINTERSHALL ATF DEXRON S (*)
 SYNTOMATIC
 TRANSWAY S DX II
 TEBOIL FLUID ES-MAX (*)
 TEDEX ATF DEXRON III
 ELFMATIC G2 SYN (*)
 ELFMATIC G3 SYN
 FINAMATIC S 6726 (*)
 TOTAL FLUIDE SYN FE (*)
 TOTAL FLUIDEMATICS SYN
 VALVOLINE SYNPOWER ATF (*)
 UNIVERSAL SYNTHETIC BLEND AUTOMATIC TRANSMISSION F
 ZF LIFEGUARDFLUID5

Lubricant class 14C

Manufacturer (14C)

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
VEEDOL INTERNATIONAL, PANGBOURNE READING/GB

Trade name (14C)

BP AUTRAN LTF
BP AUTRAN SYN 295
CASTROL TRANSMAX Z
CASTROL TRANSYND
KOMPRESSOL-DEXRON SYNTH LTF
VEEDOL UNITRANS Z

Lubricant class 14E

Manufacturer (14E)

FL SELENIA S.P.A., VILLASTELLONE/I
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

Lubricant class 14F

Manufacturer (14F)

ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/D

Trade name (14F)

ZF-ECOFLUID LIFE