



## Спецификация ZF на смазочные материалы «TE-ML 04»

Модели редукторов	Рекомендуемые группы смазочных материалов <sup>1</sup>
Редукторы моделей ZF 220 - ZF 60000, также в исполнениях A, V, IV, C, U, D, NR, NRH, TS, ATS, VTS, IVTS Редукторы моделей ZF W 220 – ZF W 93100; также в исполнениях C, NR, NC, DS BW 5 - 5300, IRM 220 – 350 в любых исполнениях	04A / 04B / 04C
Редукторы моделей ZF 23560 – 23860; также в исполнениях NR, C, D	04B / 04C
ZF 4 - ZF 110, также в исполнениях M, A, IV, C, TS, ATS, IVTS	04D
PPD, PPS	Трансмиссионные масла типов SAE 80W-90 <sup>2</sup> - API GL-5 и MIL-L-2105D или - MIL-PRF-2105E или - SAE J 2360

**Примечание:**

- 1 – руководствуйтесь соответствующими разделами для одобренных типов масел.
- 2 – все трансмиссионные масла, отвечающие указанной вязкости, могут быть использованы.

Многоцелевые густые смазки типа литола класса 2, NLGI, смешиваемые с минеральными маслами, могут использоваться в качестве набивочных смазок (смазочный код KP2K-30 по классификации DIN 51825 или ISO-L-XCCHB2 в соответствии с ISO 6743-9).

Любые добавки к маслам, изменяющие их свойства непредсказуемым образом, недопустимы к использованию. Компания ZF не несет никакой ответственности за любые повреждения оборудования, обусловленные применением таких добавок.

**Группа смазочных материалов 04A**

Моторное масло моногрейд (в соответствии с классами API CD/CE/CF-4/CF/CG-4/CH-4/CI-4/SF/SG/SH/SJ/SL или ACEA категорий A/B/E).

Вязкость: SAE 30 или SAE 40 для стран с жарким климатом или при условии, что температура масла в картере выше +80°C.

**Примечание:**

1. Могут быть рекомендованы к использованию все минеральные масла, отвечающие данным требованиям. Перечень масел не приводится.
2. Для редукторов, поставляемых с классом DNV, масла класса 04A недопустимы. Вместо них надлежит использовать масла классов 04B или 04C.

## Группа смазочных материалов 04В

Моторные масла моногрейд.

Вязкость: SAE 30 или SAE 40 для стран с жарким климатом или при условии, что температура масла в камере выше +80°C.

### Производитель (04В)

ADDINOL LUBE OIL GMBH, LEUNA/D  
ADDINOL LUBE OIL GMBH, LEUNA/D  
ANDEROL ITALIA SRL, VITTUONE(MI)/I  
ANDEROL ITALIA SRL, VITTUONE(MI)/I  
BAYWA AG, МЪNCHEM/D  
BEHRAN OIL CO., TEHRAN/IR  
BLASER SWISSLUBE AG, HASLE-RЪEGSAU/CH  
BLASER SWISSLUBE AG, HASLE-RЪEGSAU/CH  
BUCHER AG LANGENTHAL, LANGENTHAL/CH  
BUCHER AG LANGENTHAL, LANGENTHAL/CH  
CASTROL INTERNATIONAL, PANGBOURNE READING/GB  
CHEVRON BRASIL LTDA., RIO DE JANEIRO/BRAZIL  
CHEVRONTEXACO, GHENT/B  
CHEVRONTEXACO, GHENT/B  
DAF TRUCKS N.V., EINDHOVEN/NL  
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  
GULF OIL INTERNATIONAL, PITTSBURG/USA  
HUILES BERLIET S.A., SAINT PRIEST/F  
IGOL FRANCE SA, AMIENS/F  
INA MAZIVA RIJEKA, RIJEKA/HR  
INA MAZIVA RIJEKA, RIJEKA/HR  
INA MAZIVA RIJEKA, RIJEKA/HR  
INA MAZIVA RIJEKA, RIJEKA/HR  
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  
LIQUI MOLY GMBH, ULM/D  
LLK FINLAND OY, HAMINA/FIN  
LLK FINLAND OY, HAMINA/FIN  
MAGNA INDUSTRIAL CO. LIMITED, HONG KONG/HK  
NEW PROCESS AG, ТЪBACH/CH  
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  
PROFI-TECH GMBH, GINGEN/D  
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  
STATOIL LUBRICANTS, STOCKHOLM/S  
STATOIL LUBRICANTS, STOCKHOLM/S  
STATOIL LUBRICANTS, STOCKHOLM/S  
STATOIL LUBRICANTS, STOCKHOLM/S  
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  
TOTAL LUBRIFIANTS S.A., PARIS/F

### Марка масла (04В)

ADDINOL TURBO DIESEL MD 305 SAE 30  
ADDINOL TURBO DIESEL MD 405 SAE 40  
ANDEROL MYTHOS SAE 30  
ANDEROL MYTHOS SAE 40  
TECTROL HDC 30  
BEHRAN TURBO DIESEL SAE 40  
BLASOL 30  
BLASOL 40  
MOTOREX EXTRA SAE30  
MOTOREX MULTI DF 30  
CASTROL TECTION MONOGRADE 30  
URSA TRANS SAE 40  
DELO GOLD SAE 30  
URSA SUPER LA 40  
DAF SUPER 30  
MOBIL DELVAC 1630 SAE 30  
MOBIL DELVAC 1640 SAE 40  
TITAN UNIVERSAL HD 30  
YORK 730 SAE 30  
YORK 730 SAE 40  
GULF SUPER DUTY LE 30  
RTO PREXIMA 40  
TRANS TURBO 4 MONO 30  
INA GORGONELA S 30  
INA SAGARTIA 30  
INA SUPER 3 30  
INA SUPER 5 30  
MONOGRADO SUPER S-3 SAE 40  
Q8 MOZART DP SAE 30  
Q8 MOZART DP SAE 40  
LIQUI MOLY TOURING HIGH TECH HD 40  
TOURING HIGH TECH MOTOROIL SAE 30  
TEBOIL POWER D SAE 30  
TEBOIL POWER D SAE 40  
OMEGA 643 SAE 40  
MONO DIESEL SAE 30  
PAKELO PKO HD 4 SAE 30  
PAKELO PKO HD 4 SAE 40  
PANOLIN EXTRA DIESEL 30  
PANOLIN EXTRA DIESEL 40  
PROFI-CAR EXTRA C SAE 40  
SHELL RIMULA R 3 +  
SHELL RIMULA X 30  
SRS REKORD 30  
SRS REKORD 40  
STATOIL DIESELWAY 30  
STATOIL DIESELWAY 40  
STATOIL MARWAY 1030  
STATOIL MARWAY 1040  
TURBO HD SAE 30  
TOTAL DISOLA M 3015 SAE 30  
TOTAL DISOLA M 4015 SAE 40  
TOTAL RUBIA FP 40  
TOTAL RUBIA S 30  
TOTAL RUBIA S 40

**Группа смазочных материалов 04С**  
**Моторные масла мультигрейд**  
**Вязкость: SAE 5W-40 / 10W-40 / 15W-40**

**Производитель (04С)**

ADDINOL LUBE OIL GMBH, LEUNA/D  
AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D  
AGIP SCHMIERTECHNIK GMBH, WÜRZBURG/D  
AVIA MINERALIQL-AG, MÜNCHEN/D  
CEPSA LUBRICANTS S.A., MADRID/E  
CEPSA LUBRICANTS S.A., MADRID/E  
CEPSA LUBRICANTS S.A., MADRID/E  
CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA  
CHEVRONTEXACO GLOBAL LUBRICANTS, SAN RAMON/USA  
ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I  
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA  
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA  
INA MAZIVA RIJEKA, RIJEKA/HR  
INA MAZIVA RIJEKA, RIJEKA/HR  
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  
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL  
LIQUI MOLY GMBH, ULM/D  
NOVA STILMOIL SPA, MODENA/I  
PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I  
PAKELO MOTOR OIL S.R.L., SAN BONIFACIO (VR)/I  
PETRONAS LUBRICANTS BELGIUM NV, AARTSELAAR/B  
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

**Марка масла (04С)**

ADDINOL SUPER STAR MX 1547 SAE 15W-40  
AGIP BLITUM T SAE 15W-40  
AUTOL VALVE SHP SAE 15W-40  
AVILUB MULTI HDC-B 15W40  
CEPSA DIESEL TURBO SHPD 15W-40  
CEPSA EUROMAX 15W-40  
CEPSA SUPER MULTIGRADO SHPD 15W-40  
CALTEX DELO 400 MULTIGRADE SAE 15W-40  
CHEVRON DELO 400 MULTIGRADE SAE 15W-40  
AGIP SIGMA TURBO 15W-40  
MOBIL DELVAC 1 SHC  
MOBIL DELVAC XHP EXTRA 10W-40  
INA SUPER 3 15W-40  
INA SUPER 5 15W-40  
SUPERMULTIGRADO D 15W40  
Q8 T 400 SAE 15W-40  
Q8 T 500 SAE 15W-40  
Q8 T 710 SAE 15W-40  
Q8 T 750 SAE 15W-40  
TOURING HIGH TECH DIESELSPEZIALOIL SAE 15W-40  
ORION SUPER PLUS 15W40  
PAKELO GOLDEN D/G SAE 15W/40  
PAKELO PKO HD SUPER 4 SAE 15W/40  
FORZA SAE 15W40  
SHELL RIMULA R3 X 15W-40  
SHELL RIMULA R4 L 15W-40  
SHELL RIMULA X 15W-40  
TOTAL CAPRANO TD 15W-40  
TOTAL CAPRANO TDH 15W-40  
TOTAL CAPRANO TDI 15W-40

## Группа смазочных материалов 04D Жидкости для автоматических трансмиссий (ATF)

### Производитель (04D)

ACPA, ALEXANDRIA/E  
ADDINOL LUBE OIL GMBH, LEUNA/D  
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  
ARAL AG, BOCHUM/D  
ARAL AG, BOCHUM/D  
AVIA MINERALIQL-AG, MÜNCHEN/D  
AVIA MINERALIQL-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-RIEGSAU/CH  
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  
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  
CEPSA LUBRICANTS S.A., MADRID/E  
CEPSA LUBRICANTS S.A., MADRID/E  
CEPSA LUBRICANTS S.A., MADRID/E  
CHEVRON BRASIL LTDA., RIO DE JANEIRO/BRAZIL  
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 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, GHENT/B  
CHEVRONTEXACO, GHENT/B  
CHEVRONTEXACO, SYDNEY/AUS  
CHEVRONTEXACO, SYDNEY/AUS  
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  
CYCLON HELLAS S.A., MAROUSSI ATHENS/GR  
DAF TRUCKS N.V., EINDHOVEN/NL  
DE OLIEBRON B.V., ZWIJNDRECHT/NL  
DE OLIEBRON B.V., ZWIJNDRECHT/NL  
DEUTSCHE PENTOSIN WERKE GMBH, WEDEL/D  
DEUTSCHE PENTOSIN WERKE GMBH, WEDEL/D  
ENGEN PETROLEUM LTD., CAPE TOWN/ZA  
ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I

### Марка масла (04D)

ACPA ATF DEX IID  
ADDINOL ATF D II D  
ADDINOL ATF D II E  
ADDINOL ATF D III  
AGIP ATF D 309  
AGIP DEXRON III  
AMOC POWER (D-21611)  
AMOC POWER PLUS  
ARAL ATF LTF  
ARAL GETRIEBEOL ATF 22  
ARAL GETRIEBEQL ATF 55  
ARAL GETRIEBEQL ATF E-S  
AVIA FLUID ATF 86  
AVIA FLUID ATF 92 S  
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  
BP AUTRAN LTF  
BP AUTRAN MBX  
BP AUTRAN SYN 295  
ATF DEXRON III H  
ATF TP  
MOTOREX ATF II E SYNTHETIC  
MOTOREX ATF SUPER  
CASTROL ATF TQ DIII  
CASTROL IMPORT MULTIVEHICLE ATF  
CASTROL TQ DEXRON III  
CASTROL TQ-D  
CASTROL TQ-D (22256)  
CASTROL TRANSMAX M (D22798)  
CASTROL TRANSMAX Z  
CASTROL TRANSYND  
CEPSA ATF 3000 S  
CEPSA ATF 70  
ERTOIL TRANSMISIONES AUTOMATICAS D2  
TEXAMATIC 7045E  
TEXAMATIC B  
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  
TEXAMATIC 4291  
TEXAMATIC 7045E  
TEXAMATIC 9226  
TEXAMATIC S  
CALTEX TEXAMATIC 1322S  
CALTEX TEXAMATIC 7045E  
CITGO TRANSGARD® ATF, MERCON® V  
CITGO TRANSGARD® MULTI-VEHICLE ATF  
EMGARD ATF 2801  
MULTI ATF PARA TODAS LAS MARCAS  
ISAMATIC MERCON V  
ATF TYPE D  
DAF X'TREME ATF  
TOR ATF 289  
TOR ATF DMM  
PENTOSIN ATF 1  
PENTOSIN ATF TYP 2 D  
ENGEN ATF III  
AGIP ATF II D

ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I	AGIP DEXRON III
ENI S.P.A. REFINING & MARKETING DIVISION, ROME/I	ATF II E
EUROL BV., NIJVERDAL/NL	EUROL ATF IIIF
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	ESSO ATF D 21065
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	ESSO ATF D2
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	ESSO ATF LT 71141
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	MOBIL 1 SYNTHETIC ATF
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	MOBIL ATF 220
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	MOBIL ATF 320
EXXON MOBIL CORPORATION, FAIRFAX, VIRGINIA/USA	MOBIL ATF SHC
FUCHS PETROLUB AG, MANNHEIM/D	FUCHS TITAN ATF 5005
FUCHS PETROLUB AG, MANNHEIM/D	TITAN ATF 3000
FUCHS PETROLUB AG, MANNHEIM/D	TITAN ATF 3000 CHINA
FUCHS PETROLUB AG, MANNHEIM/D	TITAN ATF 4000
FUCHS PETROLUB AG, MANNHEIM/D	TITAN ATF 5000 SL
GB LUBRICANTS LTD., GATESHEAD/GB	GB ATF III
GENOL GMBH & CO., WIEN/A	GENOL ATF MULTIFLUID
GINOUVES GEORGES SA, LA FARLEDE/F	YORK 686
GINOUVES GEORGES SA, LA FARLEDE/F	YORK 687
GINOUVES GEORGES SA, LA FARLEDE/F	YORK 787
GINOUVES GEORGES SA, LA FARLEDE/F	YORK 886
GRUPA LOTOS SA, GDANSK/PL	LOTOS ATF II D
GRUPA LOTOS SA, GDANSK/PL	LOTOS ATF IID
GRUPA LOTOS SA, GDANSK/PL	LOTOS ATF III G
GRUPA LOTOS SA, GDANSK/PL	LOTOS ATF SUPER III G
GULF OIL INTERNATIONAL, PITTSBURG/USA	GULF ATF DX II
HANDEL MIJ NOVIOL B.V., NIJMEGEN/NL	KENDALL ATF DEXRON II D
HUILES BERLIET S.A., SAINT PRIEST/F	RTO STARMATIC
HUILES BERLIET S.A., SAINT PRIEST/F	RTO STARMATIC 3
HUILES BERLIET S.A., SAINT PRIEST/F	RTO STARMATIC S2
HYDROTEX, CARROLLTON, TEXAS/USA	HY-TORQUE Z (ATF)
IGOL FRANCE SA, AMIENS/F	ATF 420
IGOL FRANCE SA, AMIENS/F	ATF 430
INDIAN OIL CORPORATION LTD., MUMBAI/IND	SERVO TRANSDEX II
KLORA GRES VE YAG SANAYI A.S., GEBZE/KOCAELI/ TR	KLORA ATF II K
KOCAK PETROL URUNLERI SAN LTD., KOCAELI/TR	SPEEDOL ATF DEXRON II
KRAFFT S.L., ANDOAIN/E	ATF D-21247 SAE 10W
KRAFFT S.L., ANDOAIN/E	ATF SYNTHETIC D3
KROON-OIL B.V., ALMELO/NL	ALMIROL ATF
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 AUTO 14
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 AUTO 14 SYNTHETIC
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 AUTO 15
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 AUTO 15 ED
KUWAIT PETROLEUM R&T B.V., EUROPOORT RT/NL	Q8 AUTO 20
LIQUI MOLY GMBH, ULM/D	ATF III
LIQUI MOLY GMBH, ULM/D	LIQUI MOLY ATF DEXRON IID
LIQUI MOLY GMBH, ULM/D	TOP TEC ATF 1100
LLK FINLAND OY, HAMINA/FIN	TEBOIL FLUID ES-MAX
LUBRICANT OIL COMPANY, SINOPEC, BEIJING/CN	GW ATF-III LD
LUBRICANTES VENOCO INTERN. C.A, GUACARA/YV	VENOCO ATF MULTI - VEHICULO (75W)
LUBRICATION ENGINEERS, INC., FORT WORTH, TEXAS/USA	1150 TRANS-ALL EHP AUTOMATIC TRANSMISSION FLUID
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 EKSTRA
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., ALMBSFBZITII/H	MOL ATF
MOL-LUB KFT., ALMBSFBZITII/H	MOL ATF 3G
MOL-LUB KFT., ALMBSFBZITII/H	MOL ATF SYNT
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
NESTE MARKKINOINTI OY, ESPOO/FIN	NESTE ATF-S
NEW PROCESS AG, TTBACH/CH	ATF SYNTH
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
OMV REFINING & MARKETING GMBH, WIEN/A	OMV ATF Z2
OMV REFINING & MARKETING GMBH, WIEN/A	OMV ATF-S

OOO LUKOIL-VOLGOGRADNEFTEPERERABOTKA,VOLGOGRAD/RUS  
OPET PETROLСЫЛК А.С., IZMIR/TR  
ORLEN OIL SP. Z.O.O., KRAKOW/PL  
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  
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  
PARAMO, A.S., PARDUBICE/CZ  
PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN  
PETRO-CANADA LUBRICANTS, MISSISSAUGA/CDN  
PETROGAL S.A., LISBOA/P  
PETROGAL S.A., LISBOA/P  
PETROL OFISI A.S, MASLAK-ISTANBUL-TURKEY/TR  
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 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  
RALOY LUBRICANTES S.A. DE C.V., TIANGUISTENCO/MEX  
RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D  
RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/D  
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  
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  
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  
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D  
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D  
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/D  
STATOIL LUBRICANTS, STOCKHOLM/S  
STATOIL LUBRICANTS, STOCKHOLM/S  
STATOIL LUBRICANTS, STOCKHOLM/S  
STATOIL LUBRICANTS, STOCKHOLM/S  
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  
TEDEX PRODUCTION SP.Z.O.O., TOMASZOW MAZOWIECKI/PL  
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

ATF  
ATF DEXRON II  
HIPOL ATF II D  
HIPOL ATF IIE  
HIPOL ATF III  
PAKELO ATF DX III HTS  
PAKELO AUXON II E  
PAKELO AUXON III  
PAKELO DX FLUID II TS  
PAKELO MULTIPURPOSE TRANSMISSION FLUID II D  
PANOLIN ATF DEXRON III  
PANOLIN ATF MULTI 21996  
PANOLIN ATF SYNTH  
MOGUL ATF IIIG  
HEAVY DUTY SYNTHETIC BLEND ATF  
MERCON V ATF H-36007  
GALP TRANSMATIC D II  
GALP TRANSMATIC D III  
PO ATF II  
PO ATF-2  
SUNAMATIC 149  
SUNAMATIC 153  
AKCELA TRANS XHD  
AMBRA HYDRODEX 3  
TUTELA CAR GI/E  
TUTELA GI/A  
TUTELA TRUCK ATF 120  
TUTELA TRUCK ATF 90  
ARBOR MTA  
TUTELA GI/A  
TUTELA GI/A PLUS  
KA NASA KEN  
PRISTA ATF  
TRANSFLUID SYNTHETIC M-5  
RAVENOL AUTOM.-GETR.-OEL DEXRON D II  
RAVENOL DEXRON F III  
RAVENOL DEXRON II E  
RAVENOL DEXRON III H  
CHALLOILS ATF III  
HIDRO ATF  
MATIC ATF  
MATIC SINTETICO  
REPSOL ATF 3  
REPSOL MATIC III  
EURATF 3  
ATF DEXRON IID  
GULF ATF D II D  
GULF ATF HIGH TECH  
GULF ATF SYNT  
SHELL DONAX TA  
SHELL DONAX TG (G-34078)  
SHELL DONAX TV  
SHELL DONAX TX  
SHELL DONAX TZ  
SRS WIOLIN ATF D  
SRS WIOLIN ATF DEXRON S  
SRS WIOLIN ATF III  
STATOIL TRANSWAY DX II  
STATOIL TRANSWAY DX III  
STATOIL TRANSWAY PS DX III  
SYNTOMATIC  
TRANSWAY S DX II  
TRANSWAY S DX III F  
ATF PLUS  
TEDEX ATF II D  
TEDEX ATF III  
TEDEX ATF SYNTHETIC  
TNK ATF IID  
ELFMATIC G2 SYN  
ELFMATIC G3  
ELFMATIC G3 SYN  
FINAMATIC HP  
FINAMATIC II D  
TOTAL FLUIDE AT 42

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  
VALVOLINE EUROPE, DORDRECHT/NL  
WAMECO, ZANICA (BG)/I  
WARREN OIL CO., DUNN, NORTH CAROLINA/USA  
YACCO, ST PIERRE LES ELBEUF/F  
YPF S.A., ENSAENADA/RA  
ZELLER + GMELIN GMBH & CO., EISLINGEN/D  
ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/D  
ZF GETRIEBE GMBH, SAARBRÜCKEN/D

TOTAL FLUIDE ATX  
TOTAL FLUIDE G 3  
TOTAL FLUIDE II D  
TOTAL FLUIDE SYN FE  
TOTAL FLUIDE XLD FE  
TOTAL FLUIDEMATIC SYN  
MATIC D  
VALVOLINE ATF TYPE D  
VALVOLINE SYNPOWER ATF  
HELIFLUID 9600 TS  
MULTI-VEHICLE SYNTHETIC BLEND ATF  
YACCO ATF III  
HIDRO ATF  
DIVINOL FLUID III G  
ZF-ECOFLUID A PLUS  
ZF LIFEFLUID5

**Группа смазочных материалов 04E**

Моторное масло моногред (в соответствии с классами API CD/CE/CF-4/CF/CG-4/CH-4/CI-4/SF/SG/SH/SJ/SL или ACEA категорий A/B/E).

Вязкость: SAE 50

**Примечание:**

Могут быть рекомендованы к использованию все минеральные масла, отвечающие данным требованиям. Перечень масел не приводится.