

Enclosure 1 of SI 27 01 96 (146), 08/2018

The following transfer box and electrical transmission oils are used in vehicles of the BMW Group

Transfer box and electrical transmission oil	Use in the service
BMW ATF D2	Enclosure 17 of SI 24 05 96 (143)
BMW ATF D3	Enclosure 18 of SI 24 05 96 (143)
BMW DTF 1	Enclosure 4 of SI 27 01 96 (146)
BMW Synthetics OSP	Enclosure 7 of SI 33 01 96 (149)
BMW i TF (CLN-4S)	Enclosure 6 of SI 27 01 96 (146)
Rear axle differential oil SAF-XO	Enclosure 7 of SI 33 01 96 (149)
Hypoid Axle Oil G1 (BOT448)	Enclosure 12 of SI 33 01 96 (149)
Manual gearbox oil MTF-LT-2	Enclosure 9 of SI 23 02 96 (142)

Use of transfer box and electrical transmission oils

Vehicle	E30 325ix, E34 325ix	E46	E53 (without X-drive) Transfer box: NV 125, LWX 500	F39, F40, F44, F45, F46, F48, F49, F54, F60, R60, R61	I12 and I15 with electrical transmissions: GE2I12GK	E82 e; M12, I01, I01 REX, F45 PHEV, F49 PHEV, F60 PHEV with the electrical transmissions: GE1B100H, GE1E84H, GE1B130H, GE1B131H, GE1F45GK	All other vehicles with transfer box : ATC 13/300/350/400/450/500/700/35L/45L
BMW ATF D2	X						
BMW ATF D3			X				
BMW DTF 1							X
BMW Synthetics OSP				X			
BMW i TF (CLN-4S)					X		
Rear axle differential oil SAF-XO				X			
Hypoid Axle Oil G1 (BOT448)						X	
Manual gearbox oil MTF-LT-2		X					

Enclosure 17 of SI 24 05 96 (143), issue 11.03; update 08/2018

Trade name BMW part number BMW part number Container size

China

Rest of the world

BMW ATF D2 83 12 0 434 447 81 22 9 400 272 12x1 litre

Note:

The above oils satisfy the demands required of lifetime oils.

Oil change intervals are given in the vehicle-specific inspection sheets.

Before opening the container, "mix" the oil to distribute the additives evenly through the oil.

Oil additives

All transmissions are designed in such a way that there is absolutely no need to use oil additives. BMW is totally against the use of such additives. We will also accept no liability for any consequences resulting from the use of additives.

Approved automatic transmission fluids (ATF)

Trade name

Manufacturer/Supplier

ADDINOL ATF D III	ADDINOL MINERLÖL GMBH, KRUMPA/D
AGIP ATF II D	AGIP PETROLI SPA, ROM/I
AGIP DEXRON III	AGIP PETROLI SPA, ROM/I
AGIP ATF D 309	AGIP PETROLI SPA, ROM/I
AUTOL TRANSMISSION FLUID ATF III D	AGIP SCHMIERTECHNIK, WÜRZBURG/D
AUTOL TRANSMISSION FLUID ATF-D	AGIP SCHMIERTECHNIK, WÜRZBURG/D
ARAL TRANSMISSION FLUID ATF 55 F-30589	ARAL AG, BOCHUM/D
ARAL TRANSMISSION FLUID ATF 22	ARAL AG, BOCHUM/D
AVIA FLUID ATF 86	AVIA MINERALÖL AG, MUNICH/D
BLASOL 229	BLASER SWISSLUBE, HASLE-RÜEGSAU/CH
FRONTOL UNIVERSAL ATF 100	BP OIL DEUTSCHLAND, HAMBURG/D
AUTRAN MBX	BP OIL INTERNATIONAL, LONDON/GB
MOTOREX ATF SUPER D-22656	BUCHER+CIE AG, LANGENTHAL/CH
MOTOREX ATF DEXRON III MC	BUCHER+CIE AG, LANGENTHAL/CH
CIDISOL HYDRAULIC FLUID DEXRON IID	C.J. DIEDERICHS SÖHNE, WUPPERTAL/D
PAMATIC FLUID 289	CALPAM GMBH, ASCHAFFENBURG/D
CALPAMATIC FLUID III F	CALPAM GMBH, ASCHAFFENBURG/D
CALTEX ATF-HDA	CALTEX PETROLEUM CORP., LONDON/GB

CASTROL TQ-D (22765)
CASTROL TRANSMAX Z
CASTROL TQ-D (21289)
CASTROL ATF 21293
CASTROL TQ DEXRON III F-30520
CEPSA ATF-70

ATF DMM
ATF 289
DEA FLUID 3003
DEA FLUID 4011
DEAMATIC
MAC ATF D-21666
UNIMATIC

TRANSANTAR DF2
ELFMATIC G3
TRANSANTAR DF3
ELFMATIC G2 22329
HUILE RENAULT DIESEL STARMATIC
ANTAR 22329
ELLMO AUTOMATIC FLUID 22233
TRANSMISIONES AUTOMATICAS D2
ESSO ATF D (21065)
ESSO ATF D (21611)
ESSO ATF F-30320

FINAMATIC II-D
SILKTRAN MP-ATF
TITAN ATF 4000

YORK LT 785
ATF 2

KENDALL ATF DEXRON IID
HOMBERG TRANSMISSION FLUID D

CASTROL LTD, SWINDON/GB
CASTROL LTD, SWINDON/GB
CASTROL LTD, SWINDON/GB
CASTROL LTD, SWINDON/GB
CASTROL LTD, SWINDON/GB
CEPSA, MADRID/E

DE OLIEBRON B.V., ZWIJNDRECHT/NL
DE OLIEBRON B.V., ZWIJNDRECHT/NL
DEA MINERALÖL AG, HAMBURG/D
DEA MINERALÖL AG, HAMBURG/D
DEA MINERALÖL AG, HAMBURG/D
DEUTSCHE SHELL AG, HAMBURG/D
DUCKHAMS OIL, BROMLEY/GB

ELF LUBRIFIANTS, PARIS/F
ELF LUBRIFIANTS, PARIS/F
ELF LUBRIFIANTS, PARIS/F
ELF LUBRIFIANTS, PARIS/F
ELF LUBRIFIANTS, PARIS/F
ELF LUBRIFIANTS, PARIS/F
ELLER-MONTAN-COMP., DUISBURG/D
ERTOIL SA, MADRID/E
ESSO AG, HAMBURG/D
ESSO AG, HAMBURG/D
ESSO AG, HAMBURG/D

FINA EUROPE SA, BRUSSELS/B
FUCHS LUBRICANTS (UK), DERBY/GB
FUCHS MINERALÖLWERKE, MANNHEIM/D

GINOUVES GEORGES SA, LA FARLEDE/F
GULF OIL LTD, CHELTENHAM/GB

HANDEL-MIJ NOVIOL B.V., NIJMEGEN/NL
HOMBERG GMBH+CO KG, WUPPERTAL/D

IGOL ATF 420
INA-ATF SUPER
TRANSMISSION FLUID DX

SELECTOL FLUID TRANS.FL. IID 23
DEUTZ OEL ATF-D

ATF DEXRON IID
ALMIROL ATF
Q8 AUTO 15
Q8 AUTO 14 (II D-21883)
Q8 AUTO 14 (II D-21677)

LEPRINXOL FLUID CN
MEGOL ATF IID

INTER OIL INTER MATIC ATF D2
PENNASOL FLUID TRANSMISSION FLUID
TYPE PCN
MOBIL ATF 220 D21412/D22187
MOBIL ATF 220 D20104/D21685
CARRIER ATF
LIQUIMATIC DII

TASSILIA
NANHAI ATF (D2)
GALAX MATIC DAC

ATF T 4011
OMV ATF D II (D22427)
OMV ATF III (F-30580)
OPTIMOL ATF T 4011
UNIVERSAL ATF-D

MULTIPURPOSE TRANSM. FLUID IID
PANOLIN ATF MULTI 21996
AERO-LINE ATF-D
AERO-LINE ATF-2

IGOL FRANCE, PARIS/F
INA D.D. RAFINERIJA ZAGREB/YU
ITALIANA PETROLI, GENOVA/I

KÄPPLER K., STUTTGART/D
KLÖCKNER ENERGIEHANDEL GMBH,
COLOGNE/D
KROON OIL BV, ALMELO/NL
KROON OIL BV, ALMELO/NL
KUWAIT PETROLEUM, HOOGVLIET/NL
KUWAIT PETROLEUM, HOOGVLIET/NL
KUWAIT PETROLEUM, HOOGVLIET/NL

LEPRINCE+SIVEKE GMBH, HERFORD/D
LIQUI MOLY / MEGUIN, ULM/D

MAURAN SA, ODARS/F
MIN.ÖL.RAFFIN. DOLLBERGEN, UETZE/D
MOBIL OIL, WEDEL/D
MOBIL OIL, WEDEL/D
MOL HUNGARIAN OIL, KOMARON/H
MORRIS LUBRICANTS, SHREWSBURY/GB

NAFTEC, ALGIER/DZ
NANHAI SUPERIOR LUB-OIL, CHINA
NIS-RAFINERIJA NAFTE BEOGRAD/YU

OEST G. MIN.ÖLWERK, FREUDENSTADT/D
OMV-AG, SCHWECHAT/A
OMV-AG, SCHWECHAT/A
OPTIMOL ÖLWERKE, HAMBURG/D
OSWALD KLUTH, BARGFELD-STEGEN/D

PAKELO MOTOR OIL, SAN BONIFACIO/I
PANOLIN AG, MADETSWIL/CH
PRINZ-SCHULTE, FRECHEN/D
PRINZ-SCHULTE, FRECHEN/D

REPSOL MATIC ATF

REPSOL DISTRIBUCION SA, MADRID/E

GULF ATF DII D-22233

S.A.E.L., ALCOBENDAS/E

WINTERSHALL ATF D

SCHMIERSTOFFRAFFINERIE
SALZBERGEN/D

ASEOL ATF DB UNIVERSAL

SHELL ASEOL AG, BERN/CH

SHELL DONAX TA (D-21666S)

SHELL INTERNATIONAL, LONDON/GB

SHELL ATF 9226

Shell International Petroleum Company Ltd

MADIT AUTOMATIC

SLOVNAFT JS CO, BRATISLAVA/SLO

DEXRON 2 D

SONOL ISRAEL LTD, HAIFA/IL

SOPRAL 164

SOPROGRASA SA, MADRID/E

TECNOL TECMATIC D2

STL TECNOL, ESCALQUENS/F

SUNAMATIC 149

SUN OIL COMPANY, AARTSELAAR/B

SUNAMATIC 153

SUN OIL COMPANY, AARTSELAAR/B

TRANSWAY DX III (F-30373)

SVENSKA STATOIL AB, NYNÄSHAMM/S

TAMOIL ATF II D

TAMOIL LUBES, GENEVA/CH

ATF MERCON / DEXRON III

TEXACO LUBRICANTS COMP.,
BEACON/USA

TEXAMATIC 4291

TEXACO SERVICES LTD, BRUSSELS/B

TEXAMATIC 4011

TEXACO SERVICES LTD, BRUSSELS/B

TEXAMATIC 4261

TEXACO SERVICES LTD, BRUSSELS/B

TEXAMATIC 7080

TEXACO SERVICES LTD, BRUSSELS/B

TOTAL FLUIDE AT 42

TOTAL RAFFINAGE DISTR., PARIS/F

TOTAL FLUIDE IID

TOTAL RAFFINAGE DISTR., PARIS/F

TOTAL FLUIDE ATX

TOTAL RAFFINAGE DISTR., PARIS/F

TOTAL FLUIDE ATD

TOTAL SOUTH AFRICA,
JOHANNESBURG/ZA

TURBO UNIV. ATF MERCON 4011

TURBOTANK BÖSCHE+BÖDEKER,
BREMEN/D

UFALUB ATF

UFANEFTECHIM REFINERY, UFA/RUS

UNIL MATIC CN T 4011

UNIL DEUTSCHLAND GMBH, BREMEN/D

VALVOLINE MULTI-PURPOSE ATF

VALVOLINE INC., LEXINGTON/USA

VALVOLINE ATF TYPE D

VALVOLINE INTERNAT., DORDRECHT/NL

MOVARA ATF TRANSMISSION FLUID DIID

VEBA OEL AG, GELSENKIRCHEN/D

VEEDOL ATF-M (22764)

VEEDOL INTERNATIONAL, SWINDON/GB

VEEDOL UNITRANS Z
VEEDOL ATF DEXRON III F-30521

VEEDOL INTERNATIONAL, SWINDON/GB
VEEDOL INTERNATIONAL, SWINDON/GB

YACCO ATF D

YACCO SA, ST PIERRE-LES-ELBEUF/F

DIVINOL FLUID 666
ZF ECOFLUID "A"

ZELLER+GMELIN GMBH&CO, EISLINGEN/D
ZF FRIEDRICHSHAFEN AG/D

Enclosure 18 of SI 24 05 96 (143), issue 08/2018

Trade name BMW part number Manufacturer/Supplier

BMW ATF D 3 83 22 9 407 858 1-litre can

Note:

The above oils satisfy the demands required of lifetime oils.

Oil change intervals are given in the vehicle-specific inspection sheets.

Before opening the container, "mix" the oil to distribute the additives evenly through the oil.

Oil additives

All transmissions are designed in such a way that there is absolutely no need to use oil additives. BMW is totally against the use of such additives. We will also accept no liability for any consequences resulting from the use of additives.

Enclosure 4 of SI 27 01 96 (146), issue 10/2009, update 08/2018

Trade name *BMW* **part number** *Container size*

BMWDTF1 83 22 2 409 710 1-litre can

Note:

The above oils satisfy the demands required of lifetime oils.

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Enclosure 7 of SI 33 01 96 (149), issue 08/2008; update 08/2018

<i>Trade name</i>	<i>BMW part number</i>		<i>Container size</i>
	<i>China</i>	<i>Rest of the world</i>	
BMW Synthetik OSP / rear axle differential oil SAF-XO		83 22 2 365 987	1000 ml
BMW Synthetik OSP / rear axle differential oil SAF-XO		83 22 9 407 768	60-litre barrel
BMW Synthetik OSP / rear axle differential oil SAF-XO	83 22 2 148 570		12x1 litre

Note:

The above oils satisfy the demands required of lifetime oils.

Oil change intervals are given in the vehicle-specific inspection sheets.

Before opening the container, "mix" the oil to distribute the additives evenly through the oil.

Oil additives

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Enclosure 6 of SI 27 01 96 (146), issue 09/2013; update 08/2018

Trade name	BMW part number	Container size
BMW i TF (CLN-4S)	83 22 2 365 760	1 litre

Note:

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Enclosure 7 of SI 33 01 96 (149), issue 08/2008; update 08/2018

<i>Trade name</i>	<i>BMW part number</i>		<i>Container size</i>
	<i>China</i>	<i>Rest of the world</i>	
BMW Synthetik OSP / rear axle differential oil SAF-XO		83 22 2 365 987	1000 ml
BMW Synthetik OSP / rear axle differential oil SAF-XO		83 22 9 407 768	60-litre barrel
BMW Synthetik OSP / rear axle differential oil SAF-XO	83 22 2 148 570		12x1 litre

Note:

The above oils satisfy the demands required of lifetime oils.

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Enclosure 12 of SI 33 01 96 (149), issue 08/2008; update 08/2018

Trade name	BMW part number	Container size
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Hypoid Axle Oil G1 (BOT448)	83 22 2 295 532	3 x 500 ml
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Note:

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Enclosure 9 of SI 23 02 96 (142), issue 08/2018

<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
Manual gearbox oil MTF LT-2	83 22 2 339 219	1-litre canister
Manual gearbox oil MTF LT-2	83 22 0 309 031	5-litre canister

Note:

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