

Enclosure 1 to SI 24 05 96 (143), edition 02/2019

The automatic transmission fluid (ATF) was specially developed for automatic transmissions. It requires additives that are particularly carefully coordinated, a high viscosity index and a pour point of below -40°C.

Moreover, the friction behaviour of the automatic transmission fluid in the multidisc clutches at the most diverse operating condition is particularly important as well as

- Wear protection
- Oil film tear resistant
- Adhesive strength
- Oxidation resistance
- Corrosion protection
- Sludge prevention
- Temperature-induced viscosity changes
- and compatibility with the sealant

Note:

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

Enclosure 2 to SI 24 05 96 (143), edition 02/2019

The automatic transmissions are designed such that oil additives are not necessary and must not be admixed under any circumstances. BMW will not accept any liability for subsequent damage.

Enclosure 3 of SI 24 05 96 (143), issue 11.03; update 05/2015

Note:

The following automatic transmission fluid types can also be used for transmissions A4S 310R (THM-R1), A4S 270R (THM-R1w) with **black** type plate.

BMW automatic transmission fluids (ATF) available from part sales

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

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 LTD, SWINDON/GB

CASTROL TRANSMAX Z

CASTROL LTD, SWINDON/GB

CASTROL TQ-D (21289)

CASTROL LTD, SWINDON/GB

CASTROL ATF 21293

CASTROL LTD, SWINDON/GB

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

IGOL ATF 420
INA-ATF SUPER
TRANSMISSION FLUID DX

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

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

REPSOL MATIC ATF

GULF ATF DII D-22233

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-STEGER/D

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

REPSOL DISTRIBUCION SA, MADRID/E

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

WINTERSHALL ATF D

ASEOL ATF DB UNIVERSAL

SHELL DONAX TA (D-21666S)

SHELL ATF 9226

MADIT AUTOMATIC

DEXRON 2 D

SOPRAL 164

TECNOL TECMATIC D2

SUNAMATIC 149

SUNAMATIC 153

TRANSWAY DX III (F-30373)

TAMOIL ATF II D

ATF MERCON / DEXRON III

TEXAMATIC 4291

TEXAMATIC 4011

TEXAMATIC 4261

TEXAMATIC 7080

TOTAL FLUIDE AT 42

TOTAL FLUIDE IID

TOTAL FLUIDE ATX

TOTAL FLUIDE ATD

TURBO UNIV. ATF MERCON 4011

UFALUB ATF

UNIL MATIC CN T 4011

VALVOLINE MULTI-PURPOSE ATF

VALVOLINE ATF TYPE D

MOVARA ATF TRANSMISSION FLUID DIID

VEEDOL ATF-M (22764)

VEEDOL UNITRANS Z

VEEDOL ATF DEXRON III F-30521

YACCO ATF D

SCHMIERSTOFFRAFFINERIE
SALZBERGEN/D

SHELL ASEOL AG, BERN/CH

SHELL INTERNATIONAL, LONDON/GB

Shell International Petroleum Company Ltd

SLOVNAFT JS CO, BRATISLAVA/SLO

SONOL ISRAEL LTD, HAIFA/IL

SOPROGRASA SA, MADRID/E

STL TECNOL, ESCALQUENS/F

SUN OIL COMPANY, AARTSELAAR/B

SUN OIL COMPANY, AARTSELAAR/B

SVENSKA STATOIL AB, NYNÄSHAMM/S

TAMOIL LUBES, GENEVA/CH

TEXACO LUBRICANTS COMP.,
BEACON/USA

TEXACO SERVICES LTD, BRUSSELS/B

TEXACO SERVICES LTD, BRUSSELS/B

TEXACO SERVICES LTD, BRUSSELS/B

TEXACO SERVICES LTD, BRUSSELS/B

TOTAL RAFFINAGE DISTR., PARIS/F

TOTAL RAFFINAGE DISTR., PARIS/F

TOTAL RAFFINAGE DISTR., PARIS/F

TOTAL SOUTH AFRICA,
JOHANNESBURG/ZA

TURBOTANK BÖSCHE+BÖDEKER,
BREMEN/D

UFANEFTECHIM REFINERY, UFA/RUS

UNIL DEUTSCHLAND GMBH, BREMEN/D

VALVOLINE INC., LEXINGTON/USA

VALVOLINE INTERNAT., DORDRECHT/NL

VEBA OEL AG, GELSENKIRCHEN/D

VEEDOL INTERNATIONAL, SWINDON/GB

VEEDOL INTERNATIONAL, SWINDON/GB

VEEDOL INTERNATIONAL, SWINDON/GB

YACCO SA, ST PIERRE-LES-ELBEUF/F

DIVINOL FLUID 666
ZF ECOFLUID "A"

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

Enclosure 4 of SI 24 05 96 (143), issue 02/2005, update 05/2015

Note:

Differentiate between the following with A5S 310Z automatic transmissions:

- Automatic transmissions with oil filling for change intervals. Identifying feature - **black** type plate on the transmission housing. This transmission requires regular oil changes, see BMW Inspection Sheet.
- Automatic transmissions with life-time oil filling. Identifying feature - **green** type plate on the transmission housing and green sealing cap on the oil filler opening. This transmission type does not require oil changes throughout the entire operating time. Use the approved life-time oil following potential repairs on the transmission or transmission oil cooler only.

Attention!

Life-time oil must be used in suitable transmission types (green type plate) only and it must not be mixed or confused with other automatic transmission fluid because this may lead to transmission failure.

Life-time oil for transmission types with **green** type plate:

Trade name BMW part number Container size

ATF4	83 22 2 344 206	1 litre container
ATF 4	83 22 9 407 807	20 litre container

Automatic transmission fluid for transmissions with **black** type plate:

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

Approved automatic transmission fluids (ATF)

Trade name	Manufacturer/Supplier
ADDINOL ATF D III	ADDINOL MINERALÖL GMBH, KRUMPA/D
AGIP DEXRON III	AGIP PETROLI SPA, ROM/I
AUTOL TRANSMISSION FLUID ATF III D	AGIP SCHMIERTECHNIK, WÜRZBURG/D
ARAL TRANSMISSION FLUID ATF 55 F-30589	ARAL AG, BOCHUM/D
MOTOREX ATF DEXRON III MC	BUCHER+CIE AG, LANGENTHAL/CH
CALPAMATIC FLUID III F	CALPAM GMBH, ASCHAFFENBURG/D
CASTROL TQ DEXRON III F-30520	CASTROL LTD, SWINDON/GB
CASTROL TRANSMAX Z	CASTROL LTD, SWINDON/GB
ATF DMM	DE OLIEBRON B.V., ZWIJNDRECHT/NL
DEAFLUID 3003	DEA MINERALÖL AG, HAMBURG/D
TRANSANTAR DF3	ELF LUBRIFIANTS, PARIS/F
ELFMATIC G3	ELF LUBRIFIANTS, PARIS/F

ESSO ATF D (21065)
ESSO ATF F-30320

ESSO AG, HAMBURG/D
ESSO AG, HAMBURG/D

TITAN ATF 4000

FUCHS MINERALÖLWERKE, MANNHEIM/D

ALMIROL ATF
Q8 AUTO 15

KROON OIL BV, ALMELO/NL
KUWAIT PETROLEUM, HOOGVLIET/NL

OMV ATF III (F-30580)

OMV AG, SCHWECHAT/A

PANOLIN ATF DEXRON III

PANOLIN AG, MADETSWIL/CH

TRANSWAY DX III (F-30373)

SVENSKA STATOIL AB, NYNÄSHAMM/S

ATF MERCON / DEXRON III
TEXAMATIC 7080
TOTAL FLUIDE AT 42

TEXACO LUBRICANTS COMP., BEACON/USA
TEXACO SERVICES LTD, BRUSSELS/B
TOTAL RAFFINAGE DISTR., PARIS/F

VEEDOL ATF DEXRON III F-30521
VEEDOL UNITRANS Z

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

ZF ECOFLUID "A"

ZF FRIEDRICHSHAFEN AG/D

Enclosure 5 to SI 24 05 96 (143) En, edition 09.98

Note:

The automatic transmissions A5S 325Z are provided with lifetime lubrication. No oil change is required for the entire service life of these transmissions.

If repairs have to be made to the transmission or transmission oil cooler, use only the approved lifetime lube oil.

Attention!

Lifetime lube oil must not be mixed with or replaced by other ATF oils as this results in transmission malfunction.

Lifetime lube oil:

Tradename	BMW Part Number	Container size
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Esso LT 71 141	83 22 9 407 807	20-litre canister
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Enclosure 6 to SI 24 05 96 (143) En, edition 09.98

Note:

The automatic transmissions A5S 440Z are provided with lifetime lubrication. No oil change is required for the entire service life of these transmissions.

If repairs have to be made to the transmission or transmission oil cooler, use only the approved lifetime lube oil.

Attention!

Lifetime lube oil must not be mixed with or replaced by other ATF oils as this results in transmission malfunction.

Lifetime lube oil:

Tradename	BMW Part Number	Container size
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Esso LT 71 141	83 22 9 407 807	20-litre canister
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Enclosure 7 to SI 24 05 96 (143), issue 09/1998;, update 06/2014

Note:

The automatic transmissions A5S 560Z are provided with a life-time oil filling. These transmissions require no oil change for their entire operating time.

Only the approved lifetime fluid must be used after repairs on the transmission or transmission oil cooler.

Important!

The lifetime oil may not be mixed with other types of automatic transmission fluids as this will cause transmission failure. Likewise, the lifetime oils specified below may not be mixed with each other.

Lifetime oil for transmissions with conventional converter lockup clutch: identifying feature - **black** type plate on transmission housing

Trade name	BMW part number	Container size
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Shell LA 2634*	83 22 9 407 765	5-litre canister
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*Can be substituted by the lifetime oil Esso LT 71 141 specified below.

Note:

If the oil is no longer available, a complete oil change with the new lifetime oil must be performed.

Lifetime oil for transmissions with regulated converter lockup clutch: identifying feature - **green** type plate on transmission housing

Trade name	BMW part number	Container size
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Esso LT 71 141	83 22 9 407 807	20-litre canister
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Enclosure 11 to SI 24 05 96 (143), edition 02/2019

Note:

The automatic transmissions have a life-time oil filling. These transmissions require no oil change for their entire service life.

The approved lifetime fluid must be used after repair work on the gearbox or transmission oil cooler.

Caution!

The lifetime oil must not be mixed with or replaced by other types of automatic transmission fluid as this will cause transmission failure.

Lifetime oil:

<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
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Shell M-1375.4	83 22 0 142 516	20 litres
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Enclosure 14 to SI 24 05 96 (143), edition 02/2019

Note:

The automatic transmissions have a life-time oil filling. These transmissions require no oil change for their entire service life.

The approved lifetime fluid must be used after repair work on the gearbox or transmission oil cooler.

Caution!

The lifetime oil must not be mixed with or replaced by other types of automatic transmission fluid as this will cause transmission failure.

<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
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ATF-3+	83 22 2 289 720	1 litre
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The lifetime fluids ATF-3 and ATF-3+ can be mixed with each other.

Enclosure 8 of SI 24 05 96 (143), issue 08/2018

Note:

Distinction between automatic transmissions A4S 310R and A4S 270R:

- Automatic transmissions with oil filling for change intervals. Identifying feature - **black** type plate on the transmission housing. A regular oil change is specified for these transmissions, see BMW Inspection Sheet.
- Automatic transmissions with life-time oil filling. Identifying feature - **green** type plate on the transmission housing. No oil change is required for these transmissions throughout the entire running time. After repairs to the transmission or transmission oil cooler: Use approved automatic transmission fluids.

Automatic transmission fluid for transmissions with **black** type plate:

All automatic transmission fluids, see Enclosure 3.0 and all automatic transmission fluids with the specification Dexron III.

<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
Dexron III automatic transmission fluid	83 22 9407 858	1-litre can

Note:

The specification "Dexron III" is listed on the oil container, or the manufacturer/supplier must be asked.

Automatic transmission fluid for transmissions with **green** type plate:

<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
Dexron III automatic transmission fluid	83 22 9407 858	1-litre can

<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
Automatic transmission fluid ETL 7045E	83 22 0 403 248	20 litres

Attention!

Changeover of transmissions from Dexron III to ETL 7045E, 09/01.

The lifetime oils Dexron III and ETL 7045E can be mixed.

Enclosure 9 to SI 24 05 96 (143), edition 07/2008

Note:

These transmissions require no oil change for their entire service life. Identifier: **green** type plate on transmission housing. Only use the approved automatic transmission fluid after any repairs on the transmission or transmission oil cooler.

For information on the approved automatic transmission fluid, see label on the transmission oil sump.

Location of transmission code: on the transmission type plate, behind the transmission number.

Trade name	BMW part number	Container size
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ETL 7045	Replaced by ETL 7045 E	
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ETL 7045 E	83 22 0 403 248	20 litres
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ETL 7045 E may be mixed/topped up with Dexron III.

ETL 8072 B	Replaced by Dexron VI	
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(old part no. 83 22 403 249)

ETL 8072 B may be mixed/topped up with Dexron VI.

Dexron VI	83 22 0 397 114	4 litre
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Use of transmission oils ETL 7045 E, Dexron VI

Model year 1999

Model series	Engine	Transmission code	Trade name
E46	M52B28	SW	ETL 7045 E
E39	M57D30	WN	ETL 7045 E
E46 / E39	M52B25	SX	ETL 7045 E
E39	M57D30	SI	ETL 7045 E

Model year 2000

Model series	Engine	Transmission code	Trade name
E46 / E39	M52B28	VO	ETL 7045 E
E46	M57D30	VT	ETL 7045 E
E46	M52B25	VP	ETL 7045 E
E46 / E39	M52B24	VM	ETL 7045 E
E46	M52B20	VN	ETL 7045 E
E46	M43B19	VU	ETL 7045 E

Model year 2001

Model series	Engine	Transmission code	Trade name
E46/16	M57	VY	ETL 7045 E
E46/16	M54B25	VW	Dexron VI
E46/16	M54B30	VX	Dexron VI
E46	M43	WH	ETL 7045 E
E46	M54	WE	Dexron VI
E39	M54B25	YG	Dexron VI
E36/7	M54B25	WE	Dexron VI
E39	M54B30	YH	Dexron VI
E36/7	M54B30	WD	Dexron VI
E46	M57	WG	ETL 7045 E
E39	M57D25	YJ	ETL 7045 E
E39	M57D30	YJ	ETL 7045 E
E39	M52B24CKD	YK	Dexron VI
E46	M52B24CKD	WJ	Dexron VI
E46	M47D20	WB	ETL 7045 E
E36/7	M54B22	WF	Dexron VI
E53	M54B30	TZ	Dexron VI

Model year 2002

Model series	Engine	Transmission code	Trade name
E46	M43B19	XH	ETL 7045 E
E46	N42B18	XJ	ETL 7045 E
E46	N42B20	XK	ETL 7045 E
E39	M52B24CKD	YL	Dexron VI
E46	M52B24CKD	WV	Dexron VI
E46	M47D20VP	WW	ETL 7045 E
E46	M47D20TÜ	WX	ETL 7045 E
E46	M57D30	WZ	ETL 7045 E
E39	M57D30	YM	ETL 7045 E
E39	M57D25	YM	ETL 7045 E

Z3	M54B25	WT	Dexron VI
Z3	M54B30	WU	Dexron VI
Z3	M54B22	XL	Dexron VI
E46/16	M54B30	XC	Dexron VI
E4616	M54B25	XA	Dexron VI
E46/16	M57D30	XD	ETL 7045 E
E53	M57D30	XF	ETL 7045 E
E53	M54B30	XE	Dexron VI

Model year 2003

Model series	Engine	Transmission code	Trade name
E46	N42B18	XN	ETL 7045 E
E46	N42B20	XO	ETL 7045 E
E39/E46	M52B24CKD	XB	Dexron VI
E46	M47TÜ	XR	ETL 7045 E
E46 starting with March 03	M47TÜ UL	XR	ETL 7045 E
E46	M57D30	WZ	ETL 7045 E
E46	M57D30TÜ	XS	ETL 7045 E
E46	M54B25 US	ZT	Dexron VI
E46 starting with March, 03	M54B30 US	ZU	Dexron VI
E39	M57D25	ZN	ETL 7045 E
E39	M57D30	YP	ETL 7045 E
E46/16	M54B25	XV	Dexron VI
E46/16 starting with March 03	M54B25	ZS	Dexron VI
E46/16	M54B30	XX	Dexron VI
E46/16 starting with March 03	M54B30	XQ	Dexron VI
E46/16	M57D30	XD	ETL 7045 E
E46/16 starting with March 03	M57D30 TÜ	XY	ETL 7045 E
E53	M57D30	XW	ETL 7045 E
E53	M54B30	XU	Dexron VI

Model year 2004

Model series	Engine	Transmission code	Trade name
E46	N42B18	XN	ETL 7045 E
E46	N46B18	YO	ETL 7045 E
E46	N42B20	X0	ETL 7045 E
E46	N46B20	YR	ETL 7045 E
E46 to 12/2003	M52B24 CKD	XB	Dexron VI
E46 from 12/2003	M52B24 CKD	ZV	Dexron VI
E46	M54B25	ZV	Dexron VI
E46	M54B30 US	ZW	Dexron VI
E46	M54B30 US Sport	ZW	Dexron VI
E46	M47 TÜ UL	YU	ETL 7045 E
E46	M47 TÜ	YU	ETL 7045 E
E46	M57D30TÜ	YV	ETL 7045 E
E46/16	M54B25	YW	Dexron VI
E46/16	M54B30	YX	Dexron VI
E46/16	M57D30TÜ	YY	ETL 7045 E
E39	M57D25	ZO	ETL 7045 E
E39	M57D30	ZM	ETL 7045 E
E53	M54B30	YZ	Dexron VI
E83	M54B25	YW	Dexron VI
E83	M54B30	YX	Dexron VI
E83	M57D30TÜ	YY	ETL 7045 E

Model year 2005

Model series	Engine	Transmission code	Trade name
E46	N46B18	YN	ETL 7045 E
E46	N46B20	YR	ETL 7045 E
E46	M54B24 CKD	ZV	Dexron VI
E46	M54B22	NE	Dexron VI
E46	M54B25	ZV	Dexron VI
E46	M54B30 US	ZW	Dexron VI
E46	M54B30 US Sport	ZW	Dexron VI
E46	M47TÜ UL	YU	ETL 7045 E
E46	M47TÜ	YU	ETL 7045 E
E46	M57D30TÜ	YV	ETL 7045 E
E46	M57D30TÜ	MR	ETL 7045 E
E46/16	M54B25	YW	Dexron VI
E46/16	M54B30	YX	Dexron VI
E46/16	M57D30TÜ	YY	ETL 7045 E
E46/16	M57D30TÜ	MS	ETL 7045 E
E83	M54B25	YW	Dexron VI
E83	M54B30	YX	Dexron VI
E83	M57D30TÜ	YY	ETL 7045 E
E83	M57D30TÜ	MS	ETL 7045 E
E53	M54B30	YZ	Dexron VI

Enclosure 13 to SI 24 05 96 (143), issue 08/2008

Note:

These transmissions require no oil change for their entire service life. Identifier: **green** type plate on transmission housing. Only use the approved automatic transmission fluid after any repairs on the transmission or transmission oil cooler.

For information on the approved automatic transmission fluid, see label on the transmission oil sump.

Location of transmission code: on the transmission type plate, behind the transmission number.

<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
Dexron VI automatic transmission fluid	83 22 0 397 114	4 litre
Dexron VI automatic transmission fluid	83 22 2 167 718	1 litre

Enclosure 15 to SI 24 05 96 (143), issue 09/2010

Note:

This transmission requires no oil change for the entire service life of the transmission.
Identifying sign: **Greentype** plate on the transmission housing. Use exclusively the approved automatic transmission fluid after any repairs on the transmission or transmission oil cooler.

For information on the approved automatic transmission fluid, see label on the transmission oil sump.

Location of transmission code: on the transmission type plate, behind the transmission number.

<i>Trade name</i>	<i>BMW Part Number</i>	<i>Container size</i>
Dexron VI automatic transmission fluid	83 22 0 397 114	4 litre
Dexron VI automatic transmission fluid	83 22 0 432 807	1 litre

Enclosure 10 of SI 24 05 96 (143), issue 08/2018

Note:

Only the automatic transmission fluid specified below may be used for the transmission A5S 300J.

<i>Trade name</i>	<i>BMW part number</i>	<i>Manufacturer/Supplier</i>
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ATF Dexron III	83 22 9 407 858	1-litre can
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Enclosure 12 to SI 24 05 96 (143), issue 02/2005; update 06/2015

Note:

These automatic transmissions require an oil change according to the service instructions.

After a repair on the transmission, the specified transmission oil should be used.

GACVT16Z (CVT)

Trade name	BMW part number	Container size
Esso EZL-799A	83 22 0 429 154	20 litres

GA6F21WA (AISIN)

USA only:

Trade name	BMW part number	Container size
ATF JWS-3309	83 22 2 220 438	1 litre
ATF JWS-3309	83 22 2 220 440	20 litres

Worldwide except USA:

Trade name	BMW part number	Container size
ATF JWS-3309	83 22 7 542 290	1 litre

GA6F21FT/ GA6F21AW/ GA8F22AW (AISIN)

Trade name	BMW part number	Container size
ATF6	83 22 2 355 601	20 litres
ATF6	83 22 2 355 599	1 litre

GA8G45 (AISIN)

Trade name	BMW part number	Container size
ATF 7	83 22 2 413 477	1 litre

Update: 01/2019

Enclosure 16 to SI 24 01 96 (146), issue 07/2014

I12

<i>Trade name</i>	<i>Gearbox:</i>	<i>BMW part number</i>	<i>Container size</i>
ATF 6	GE2I12AW	83 22 2 305 599	1000 ml