

4.0 BMW Longlife-01

BMW Longlife-01 engine oils are a minimum requirement for all BMW Group petrol engines without petrol particulate filter from model year 2002 and for BMW Group diesel engines without particulate filter from model year 2003. Aside from that, BMW Longlife-01 engine oils are also permitted for use in older BMW Group engines.

Refer to the document "Technically appropriate engine oils for BMW Group engines" for detailed release information.

Product availability may vary depending on specific market.

SAE 5W-30

Trade name	Container size	BMW Group part number USA, Canada, Mexico	BMW Group part number Japan, Indonesia, Thailand, South Korea	BMW Group part number China	BMW Group part number Rest of World
BMW Engine Oil LL-01 5W-30	1000 ml,TU	83 21 2 405 947**	83 21 2 405 947**	83 21 2 405 947**	83 21 2 405 947**
MINI Engine Oil LL-01 5W-30	1000 ml,TU	83 21 2 406 986**	83 21 2 406 986**	83 21 2 406 986**	83 21 2 406 986**
MINI Original Engine Oil LL-01 5W-30	1 litre	83 21 2 466 455	83 21 2 465 860	83 21 2 465 867	83 21 2 465 844*
BMW TwinPower Turbo LL-01 5W-30	1 litre	83 21 2 466 454	83 21 2 465 859	83 21 2 465 866	83 21 2 465 843*
BMW TwinPower Turbo LL-01 5W-30	5 litre	---	---	83 21 2 465 868	---
BMW Group LL-01 5W-30	1000 litres lbc	---	---	---	83 21 2 465 846*
BMW Group LL-01 5W-30	209 litres	83 21 2 466 456	83 21 2 465 861	83 21 2 465 869	83 21 2 465 845*
BMW Group LL-01 5W-30	Fuel tank	---	83 21 2 465 862	---	83 21 2 465 847*

* Please order from **www.markethub.shell.com** or contact your local Shell partner.

** TU = trade unit. TU numbers cannot be ordered! Only for invoicing purposes!

*** Only in South Korea

[1.0 General information](#)

[3.0 Technically appropriate engine oils for BMW Group engines](#)

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TU = trade unit. TU numbers cannot be ordered! Only for invoicing purposes!

Only in South Korea.

Only in Japan

MINI Engine Oil LL-01 5W-30 SAE 5W-30

83 21 2 406 986**

Trade name	BMW part number	Container
MINI Original Engine Oil LL-01 5W-30		1 litre

BMW Engine Oil LL01 5W30 SAE 5W-30

83 21 2 405 947**

Trade name	BMW part number	Container
BMW TwinPower Turbo LL-01 5W-30		1 litre
BMW TwinPower Turbo LL-01 5W-30		5 litre

BMW Engine Oil LL01 5W30 SAE 5W-30

83 21 2 405 947**

Trade name	BMW part number	Container
BMW GROUP LL-01 5W-30		1000 litres lbc
BMW GROUP LL-01 5W-30		209 litres
BMW GROUP LL-01 5W-30		Fuel tank

Named approved oils

Trade name	Viscosity	Producer
Addinol Eco light	SAE 5W-40	Addinol Lube Oil GmbH
Addinol Super Light 0540	SAE 5W-40	Addinol Lube Oil GmbH
ADDINOL Super power MV 0537	SAE 5W-30	Addinol Lube Oil GmbH
AKTUAL FULLY SYNTH	SAE 5W-40	Petronas Lubricants International
AREXONS 3x B4	SAE 5W-40	Petronas Lubricants International
AVENO FS Excellence	SAE 0W-40	Deutsche Ölwerke Lubmin GmbH
AVENO FS Select	SAE 5W-30	Deutsche Ölwerke Lubmin GmbH
Aral HighTronic M	SAE 5W-40	Aral
Aral HighTronic M	SAE 5W-40	Aral AG
Aral SuperSynth	SAE 0W-40	Aral
Aral SuperSynth	SAE 0W-40	Aral AG

BOOSTER 600 PLUS	SAE 5W-40	Additive Products (M) SDN BHD
BP Super V Plus	SAE 5W-40	BP Oil International
BP Super V Plus	SAE 5W-40	BP Plc
BP Visco 5000	SAE 5W-40	BP Oil International
BP Visco 5000	SAE 5W-40	Castrol Limited
BP Visco 5000	SAE 5W-30	BP plc
BP Visco 5000	SAE 5W-30	BP Plc
BP Visco 5000	SAE 5W-40	BP Plc
Biloxxi	SAE 5W-30	MCC Trading Deutschland GmbH
CEPSA GENUINE 5W40 SYNTHETIC	SAE 5W-40	CEPSA Comercial Petroleo S.A.U
Castrol Edge 0W-30 A3/B4	SAE 0W-30	Castrol Limited
Castrol Edge Professional A3	SAE 0W-30	Castrol Limited
Castrol Edge Professional LL01	SAE 0W-30	Castrol Limited
Castrol Edge Professional LL01	SAE 5W-40	Castrol Limited
Castrol EDGE Supercar 0W-40 A3/B4	SAE 0W-40	Castrol Limited
Castrol Edge 0W-30 A3/B4	SAE 0W-30	Castrol Limited
Castrol Edge 0W-40 A3/B4	SAE 0W-40	Castrol Limited
Castrol Edge 5W-30 A3/B4	SAE 5W-30	Castrol Limited
Castrol Edge 5W-40 A3/B4	SAE 5W-40	Castrol Limited
Castrol Edge 5W-40 SN	SAE 5W-40	Castrol Limited
Castrol Edge Professional A3	SAE 0W-40	Castrol Limited
Castrol Edge Professional A3	SAE 5W-40	Castrol Limited
Castrol Edge Professional A3	SAE 0W-30	Castrol Limited
Castrol Edge Professional A3	SAE 5W-30	Castrol Limited
Castrol Edge Professional LL01	SAE 5W-30	Castrol Limited
Castrol Edge Professional LL01	SAE 0W-30	Castrol Limited
Castrol Edge Professional LL01	SAE 0W-40	Castrol Limited
Castrol Edge Professional LL01	SAE 5W-40	Castrol Limited
Castrol Edge Professional OE	SAE 5W-40	Castrol Limited
Castrol Edge SAE 5W-40 US version	SAE 5W-40	Castrol Limited
Castrol GTX 5W-40 A3/B4	SAE 5W-40	Castrol Limited
Castrol GTX High Mileage	SAE 5W-40	Castrol Limited
Castrol GTX Professional A3	SAE 5W-30	Castrol Limited
Castrol Magnatec 5W-30 A3/B4	SAE 5W-30	Castrol Limited
Castrol Magnatec 5W-40 A3/B4	SAE 5W-40	Castrol Limited
Castrol Magnatec Professional A3	SAE 5W-30	Castrol Limited
Castrol Magnatec Professional A3	SAE 5W-40	Castrol Limited
Castrol Magnatec stop-start 5W- 30 A3/B4	SAE 5W-30	Castrol Limited
Charger Xtream	SAE 5W-40	Bahrain Petroleum Company

ELF Evolution 900	SAE 5W-40	TOTAL Lubrifiants
ELF Evolution 900 FT	SAE 5W-40	TOTAL Lubrifiants
ELF Evolution 900 FT	SAE 0W-40	TOTAL Lubrifiants
ELF Evolution 900 Turbo	SAE 5W-40	TOTAL Lubrifiants
ENERGY RELEASE 5W-40 RS (ER 5W-40 RS)	SAE 5W-40	DKR PETROLEUM CO., LTD.
Eni i-Sint	SAE 5W-40	Eni S.p.A.
EuroL Synergy	SAE 0W-40	EuroL BV
FASTRON GOLD	SAE 5W-40	Pt. Pertamina LUBRICANTS
FK European version	SAE 5W-40	Ban Hon International Co., Ltd.
FK European version	SAE 0W-40	Ban Hon International Co., Ltd.
FUCHS TITAN Supersyn LONGLIFE	SAE 5W-40	FUCHS PETROLUB SE
FUCHS TITAN Supersyn LONGLIFE	SAE 0W-40	FUCHS PETROLUB SE
Feu Vert	SAE 5W-40	Motul
G-Energy F Synth	SAE 5W-30	Gazpromneft-lubricants Ltd
G-Energy Service Line MS	SAE 5W-30	Gazpromneft-lubricants Ltd
GALP FORMULA ENERGY 5W40	SAE 5W-40	PETROGAL S.A.
GD 7.1	SAE 5W-40	Additive Products (M) SDN BHD
GT-1® Euro Motor Oil	SAE 5W-30	Kendall Motor Oil
GT-1® Euro Motor Oil	SAE 5W-40	Kendall Motor Oil
Gulf Formula GX	SAE 5W-40	Gulf Oil International
Gulf Formula GX	SAE 5W-30	Gulf Oil International
Gulf Formula GX	SAE 0W-40	Gulf Oil International
Gulf Formula S	SAE 5W-40	TOTAL Lubrifiants
HPR 5	SAE 5W-40	Penrite Oil Company Pty Ltd.
Havoline Fully Synthetic E	SAE 0W-40	Chevron Lubricants
Havoline Pro DS Fully Synthetic	SAE 0W-40	NV CHEVRON BELGIUM
Havoline Pro DS Full Synthetic Motor Oil	SAE 5W-40	NV CHEVRON BELGIUM
Havoline ProDS Fully Synthetic	SAE 5W-40	Chevron Global Lubricants
Havoline Synthetic	SAE 5W-40	Chevron Lubricants
Havoline Synthetic Engine Oil	SAE 5W-40	Chevron Global Lubricants
Havoline Ultra	SAE 5W-40	Chevron Lubricants
INA Ultra Sint	SAE 5W-30	INA Maziva Ltd.
LUBREX VELOCITY NANO PLUS	SAE 5W-40	LUBREX FZC
LUKOIL GENESIS ARMORTECH	SAE 5W-40	OOO LLK-International
LUKOIL GENESIS POLARTECH	SAE 0W-40	OOO LLK-International
LUKOIL GENESIS SPECIAL	SAE 0W-40	OOO LLK-International
LUKOIL GENESIS SPECIAL POLAR	SAE 0W-40	OOO LLK-International

Liqui Moly Pro-Engine M900	SAE 5W-40	Liqui Moly GmbH
Liqui Moly Special Tec LL	SAE 5W-30	Liqui Moly
Lotos Syntetic Plus	SAE 5W-40	Lotos Oil
Mol Dynamic Synt	SAE 5W-30	MOL-LUB Lubricant Ltd.
MOTOREX XPERIENCE FS-X	SAE 0W-40	BUCHER AG LANGENTHAL
MOTUL 6100 SYN-ERGY	SAE 5W-30	MOTUL
MOTUL 8100 X-MAX	SAE 0W-40	Motul S.A.
Meisteröl LL	SAE 5W-30	Epro GmbH
Midland synqron	SAE 5W-40	Oel-Brack AG
Miocar MX Syntra	SAE 5W-40	Migros Genossenschafts Bund
Mobil 1 Formula	SAE 0W-40	ExxonMobil
Mobil Formula X2	SAE 5W-40	ExxonMobil
Mobil Super 3000 Formula B	SAE 5W-40	ExxonMobil
Mobil Super 3000 X1	SAE 5W-40	ExxonMobil
Mobil Super 3000 X1	SAE 5W-40	Exxon Mobil
Mobil Super 3000 X2	SAE 5W-40	ExxonMobil
Mobil Super Synthetic Euro	SAE 5W-40	ExxonMobil
Mobil Super Synthetic Formula B	SAE 5W-40	ExxonMobil
Motul 6100 ECO FLEX	SAE 5W-30	Motul S.A.
Motul 6100 Flexmax	SAE 5W-30	Motul S.A.
Motul 6100 Flexmax	SAE 5W-30	Motul SA
Motul 8100 X-CESS	SAE 5W-30	MOTUL
Motul 8100 X-CESS	SAE 5W-40	MOTUL
Motul 8100 X-cess	SAE 5W-40	Motul S.A.
Motul Expert M	SAE 5W-40	Motul S.A.
Motul Specific LL-01	SAE 5W-30	Motul SA
Motul Synergie	SAE 5W-40	Motul S.A.
OLEOBLITZ PULSAR C.R.	SAE 5W-40	Petronas Lubricants International
Omera Lube 1	SAE 5W-40	MJL Bangladesh Ltd.
PENTOSPEED SUPER PERFORMANCE	SAE 5W-40	FUCHS SCHMIERSTOFFE GMBH
PETRONAS SYNTIUM 3000	SAE 5W-40	Petronas Lubricants International
Pennzoil Platinum Euro	SAE 5W-30	Shell International Petroleum Company
Pennzoil Platinum Euro	SAE 5W-40	Shell International Petroleum Company
Pennzoil Platinum Euro	SAE 5W-30	Shell International Petroleum Co.Ltd.
Pennzoil Platinum Euro	SAE 5W-40	Shell International Petroleum Co.Ltd.
Pennzoil Ultra Euro	SAE 5W-40	Shell International Petroleum Company
Pennzoil Ultra Euro 5W-40 Full Synthetic Motor Oil	SAE 5W-40	Shell International Petroleum Company
Petronas Syntium 7000	SAE 0W-40	Petronas

QS Ultimate Durability European	SAE 5W-40	Shell International Petroleum Company
QS Ultimate Durability European	SAE 5W-30	Shell International Petroleum Company
Quaker State Ultimate Durability European	SAE 5W-40	Shell International Petroleum Co.Ltd.
Ravenol HCL	SAE 5W-30	Ravensberger Schmierstoffvertrieb GmbH
RAVENOL HST	SAE 5W-40	Ravensberger Schmierstoffvertrieb GmbH
RAVENOL RSP	SAE 5W-30	Ravensberger Schmierstoffvertrieb GmbH
RAVENOL Super Synthetik Öl SSL	SAE 0W-40	Ravensberger Schmierstoffvertrieb GmbH
RAVENOL VollSynth Turbo VST	SAE 5W-40	Ravensberger Schmierstoffvertrieb GmbH
REPSOL ELITE COMMON RAIL	SAE 5W-30	REPSOL LUBRICANTES Y ESPECIALIDADES S.A
REPSOL ELITE COMPETICION	SAE 5W-40	REPSOL LUBRICANTES y ESPECIALIDADES S.A
REPSOL ELITE COSMOS HIGH PERFORMANCE	SAE 0W-40	REPSOL LUBRICANTES Y ESPECIALIDADES S.A
REV-1 TITANIUM	SAE 0W-40	Spare-Parts Zone Pte Ltd
ROWE HIGHTEC SYNT RS HC-D	SAE 5W-40	ROWE MINERALÖLWERK GMBH
Repsol Elite Common Rail	SAE 5W-30	Repsol YPF
Repsol Elite Competicion	SAE 5W-40	Repsol YPF
SINOPEC JUSTAR J700F Premium	SAE 5W-30	SINOPEC LUBRICANT CO.,LTD.
SPC SYN ACE SUPREME API SN	SAE 5W-40	Singapore Petroleum Company Ltd.
SRS ViVA 1 ecosynth plus	SAE 0W-40	SRS Schmierstoff Vertrieb GmbH
SRS ViVA 1 Longlife	SAE 5W-30	SRS Schmierstoff Vertrieb GmbH
SRS ViVA 1 topsynth	SAE 5W-40	SRS Schmierstoff Vertrieb GmbH
SRS ViVA 1 topsynth plus	SAE 5W-40	SRS Schmierstoff Vertrieb GmbH
SRS Viva 1 Longlife	SAE 5W-30	SRS Schmierstoff Vertrieb GmbH
STAR GOLD	SAE 5W-40	Orlen Oil Sp. z o.o.
STAR SYNT S	SAE 5W-40	Orlen OilSp z o.o.
Shell Helix HX6	SAE 5W-40	Shell International Petroleum Company
Shell Helix Ultra	SAE 5W-30	Shell International Petroleum Company
Shell Helix Ultra	SAE 5W-40	Shell International Petroleum Company
Shell Helix Ultra	SAE 5W-30	Shell International Petroleum Co.Ltd.
Shell Helix Ultra	SAE 5W-40	Shell International Petroleum

Shell Helix Ultra Professional ABB	SAE 5W-30	Shell International Petroleum Co.Ltd.
Shell Helix Ultra Professional ABB	SAE 5W-40	Shell International Petroleum Co.Ltd.
Shell Helix Ultra Professional AM	SAE 5W-40	Shell International Petroleum Company
Shell Helix Ultra X	SAE 5W-30	Shell International Petroleum Co.Ltd.
Shell Helix Ultra I	SAE 5W-30	Shell International Petroleum Company
Shell Helix Ultra I	SAE 5W-40	Shell International Petroleum Company
Shell Helix Ultra I	SAE 5W-30	Shell International Petroleum Co.Ltd.
Shell Helix Ultra I	SAE 5W-40	Shell International Petroleum Co.Ltd.
Shield® Euro-Tech Motor Oil	SAE 5W-40	Phillips 66 Company
Shield® Euro-Tech Motor Oil	SAE 5W-30	Phillips 66 Company
Swd Rheinol Primus CVS	SAE 5W-30	Swd Lubricants GmbH & Co.KG
Swd Rheinol Primus VS	SAE 0W-40	Swd Lubricants GmbH & Co.KG
SynPower engine oil	SAE 5W-30	Valvoline EMEA
SynPower engine oil	SAE 5W-40	Valvoline
Synthetic PC	SAE 5W-30	eni S.p.A.
TNK Magnum Ultratec	SAE 5W-40	TNK Lubricants, LLC
TOTAL Quartz 9000	SAE 5W-40	TOTAL Lubrifiants
Total Quartz 9000 Energy	SAE 0W-40	TOTAL Lubrifiants
Titan Supersyn Longlife	SAE 5W-40	Fuchs Petrolub AG
TongYi SN	SAE 5W-40	TongYi Petroleum Chemical Co., Ltd.
Total Activa 9000	SAE 5W-40	Total
Total Activa 9000 Essence	SAE 5W-40	Total
Total quartz 9000	SAE 5W-40	Total
Total Quartz 9000 Energy	SAE 5W-40	Total
Triathlon Formula LL	SAE 5W-30	Adolf Würth GmbH & Co. KG
Triathlon Premium	SAE 5W-40	Würth International Trading (Shanghai) Co., Ltd.
VR 7.1	SAE 5W-40	Additive Products (M) SDN BHD
Valvoline Advanced	SAE 0W-40	Valvoline
Valvoline SynPower	SAE 5W-30	Valvoline
Valvoline SynPower HST	SAE 5W-30	Valvoline
Valvoline SynPower HST	SAE 5W-40	Valvoline
Valvoline SynPower motor oil	SAE 0W-40	Valvoline EMEA
WOLF VITALTECH	SAE 5W-40	Wolf Oil Corporation NV.
Weco TXI Syntholube	SAE 5W-40	Weco
Westfalen Gigatron	SAE 0W-40	Westfalen AG
Westfalen Megatron	SAE 5W-40	Westfalen AG

eni i-Sint	SAE 0W-40	eni Schmiertechnik GmbH
eni i-Sint PC 4AM	SAE 5W-40	eni Schmiertechnik GmbH
eni i-Sint PC 4AM	SAE 5W-30	eni Schmiertechnik GmbH
maxxpower 5W30 Synergie	SAE 5W-30	Swd Lubricants GmbH & Co.KG
Megol Motorenoel High Condition	SAE 5W-40	Meguina GmbH & Co. KG
Megol Motorenoel Quality	SAE 5W-30	Meguina GmbH & Co. KG

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