

Top Tec 6100 0W-30



Description

Innovative, fuel-saving year-round motor oil for outstanding performance and long engine life. Ensures better viscosity, reduced friction and lower volatility. An innovative additive technology with a much lower proportion of ash-forming substances provides optimal protection for the diesel particulate filter from dirt. Keeps sensitive engine components clean and provides excellent protection.

Properties

- excellent cold-start behavior
- ensures maximum engine performance
- highest fuel economy
- extremely low oil consumption
- excellent wear resistance
- ensures a long engine life
- high engine cleanliness
- very good temperature stability
- engine components are kept clean and given excellent protection
- contains much lower fractions of ash-forming substances
- tested for turbochargers and catalytic converters

Specifications and approvals:

ACEA C2 • BMW Longlife-12 FE

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required:

BMW 83 21 2 365 935 • BMW 83 21 2 405 097 • BMW 83 21 2 405 666

Technical data

Viscosity SAE class	0W-30 SAE J300
Density	0,840 g/cm ³ DIN 51757
Viscosity at 40 °C	53,3 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	9,9 mm ² /s ASTM D 7042-04
Viscosity at -40°C (MRV)	< 60000 mPas ASTM D 4684
Viscosity at -35°C (CCS)	<= 6200 mPas ASTM D 5293
Viscosity index	175 DIN ISO 2909

Technical data

HTHS at 150°C	>= 2,9 mPas ASTM D 5481
Pour point	-51 °C DIN ISO 3016
Evaporation loss (Noack)	10,9 % ASTM D 5800 B
Flash point	230 °C DIN ISO 2592
Total base number	8,2 mg KOH/g DIN ISO 3771
Sulfate ash	<= 0,8 g/100g DIN 51575
Color number (ASTM)	L 2,5 DIN ISO 2049

Areas of application

Due to the low HTHS (high-temperature high-shear) viscosity, the motor oil may only be used in approved BMW diesel and gasoline engines.

For new BMW diesel engines:

3-cylinder: B37C15K0, B47C2000, B37D15K0, B37D15U0

4-cylinder: B47C20U0, B47C2000, B47D20K0, B47D20U0, B47D2000

6-cylinder: B57D3000

For BMW diesel engines from model year 2014:

4-cylinder: N47C16K1, N47C16U1, N47C20K1, N47C20U1, N47D16U1, N47D16K1, N47D20K1, N47D20U1, N47D2001, N47D2001 US

6-cylinder: N57D3001 US

For all BMW diesel engines from model year 2013:

6-cylinder: N57D3001

Approved for all BMW gasoline engines, but only in the EU as well as Norway, Switzerland and Liechtenstein:

3-cylinder: B36, B38

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4-cylinder: B46, B48, N12, N13, N14, N16, N18, N20, N26, N40, N42, N43, N45, N45N, N46, N46T

6-cylinder: B58, N51, N52, N52K, N53, N54, N54T, N55, N55T*, N56, S55*

8-cylinder: N62, N62S, N62TU, N63, N63TU, N63T2, N63 oL2, S63*, S63T0*, S63T2*

12-cylinder: N73, N74

*Recommended motor oils for M engines: LL-01:0W-40; LL-04: 0W-30

Not backwards compatible.

Application

Note the vehicle and engine manufacturers' operating instructions. **Note:** Full effectiveness and protection for the diesel particulate filter are only guaranteed when the product is not mixed!

Available pack sizes

1 l Canister plastic	20777 BOOKLET
4 l Canister plastic	20778 BOOKLET
5 l Canister plastic	20779 BOOKLET
20 l Canister plastic	20772 D-GB-I-E-P
60 l Drum sheet metal	20773 D-GB
205 l Drum sheet metal	20775 D-GB

Our information is based on thorough research and may be considered reliable, although not legally binding.