



LUBE BM-12 - SAE 0W-30

100% synthetic “Mid SAPS” oil
for gasoline and diesel engines

USES

Specifically designed to meet the BMW Longlife-12 FE specification and recommended by BMW to improve fuel efficiency.

Recommended for BMW and Mini following engines:

1) 14d, 16d, 18d, 20d and 30d diesel* engines from 2014 onwards (except F3x 30d, 2019 model). For 25d, 35d, 40d and 50d models, a BMW LL-04 oil is recommended. **DO NOT USE** this SAE 0W-30 oil in the E71 diesel engine of the X6 model.

2) gasoline engines * without particulate filter from 2002 onwards, recent gasoline engines with particulate filter, and gasoline engines * without particulate filter fitted in M series S55 or S63 models.

* Applicable in EU Member States, including Norway, Switzerland and Liechtenstein.

Approvals: BMW Longlife-12 FE

Specifications : ACEA C2; API SP-RC; ILSAC GF-6A

MAIN PHYSICAL DATA

		Methods	Units	0W-30
Density at	20°C	ASTM D4052	kg/m ³	842
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	48
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	9.5
Viscosity index		ASTM D2270		190
Pour point		ASTM D97	°C	-48
Cleveland Open Cup Flash Point		ASTM D92	°C	222
Dynamic viscosity at	-35°C	ASTM D5293	mPa·s	5800
HTHS viscosity		CEC L-036-90	mPa·s	3
Sulphated ash		ASTM D874	% mass	0.76
Total Base Number (TBN)		ASTM D2896	mgKOH/g	9.4

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

- ▶ 100% synthetic BMW Longlife-12 FE approved formula. Low viscosity SAE 0W-30 improves fuel efficiency, and allows to reduce CO₂ and exhaust emissions.
- ▶ “Mid SAPS” formula containing lower levels of sulphated ash, phosphorous and sulphur extends the service life of particulate filters (DPF) and catalytic converters.
- ▶ Enhanced engine protection against corrosion, wear and deposit formation.
- ▶ Immediate and optimal lubrication upon start-up, even at extremely low temperatures.



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