



LUBE BM-19 FE SAE 0W-30

100% synthetic fuel economy lubricant
Mid SAPS technology

USES

100 % synthetic fuel economy lubricant for gasoline and diesel engines in passenger cars, including those fitted with a Diesel Particulate Filter (DPF). Recommended for BMW gasoline engines where a BMW Longlife 19 FE oil is required.

Also suitable for use in diesel and gasoline engines from other manufacturers that require one of the below-mentioned specification. The BMW Longlife-19 FE requirement provides more fuel economy than the BMW Longlife-04 one, and may replace this latter.

Specifications:

ACEA C3, API SP, BMW Longlife-19 FE (backward compatible with BMW Longlife-04)

MAIN PHYSICAL DATA

		Methods	Units	0W-30
Density at	20°C	ASTM D4052	kg/m ³	830
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	66.4
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	12.4
Viscosity index		ASTM D2270		188
Pour point		ASTM D97	°C	-52
Cleveland Open Cup Flash Point		ASTM D92	°C	230
Dynamic viscosity at	-35°C	ASTM D5293	mPa·s	5815
H.T.H.S viscosity at	150°C	CEC L-036-90	mPa.s	3.6
Total Base Number (TBN)		ASTM D2896	mgKOH/g	12

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

PROPERTIES & ADVANTAGES

- Low H.T.H.S viscosity (SAE 0W-30) and anti-friction additives provide quick oil flow, increase fuel economy, reduce exhaust gas emissions (CO₂, NOx, particulates...) and offer excellent engine protection against wear.
- Specific additives prevent the risk of L.S.P.I (low speed pre-ignition) in the last generation of gasoline direct injection engines.
- "Mid SAPS" technology extends the service life of diesel particulate filters (DPF) and catalytic converters.
- Good detergent/dispersant properties keep engines clean.
- Excellent shear stability ensures optimal engine protection at high temperatures.
- Immediate lubrication upon start-up, even at extremely low temperatures.



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