

# LUBE BM-17 FE SAE 0W-20

100% synthetic P.A.O based fuel economy lubricant Mid SAPS technology

## USES

100 % synthetic fuel economy lubricant for gasoline and diesel engines Recommended for BMW gasoline engines where BMW Longlife 17 FE+ oil is required. Also suitable for use in diesel and gasoline engines from other manufacturers that require one of the below-mentioned specification. Recommended for BMW/MINI B38/B48/B58 and N20 series gasoline engines manufactured from 2014 onwards. **DO NOT USE** in M series BMW engines.

<u>Approvals:</u> BMW Longlife-17 FE+ (Can replace BMW Longlife-14 FE+ oil. The drain interval must be adapted to the quality of the fuel).

#### Specifications:

ACEA C5, API SN/SN Plus/SN-RC, ILSAC GF-5 Opel/Vauxhall OV0401547 (GM dexos D/ dexos2 Gen2/ GMW 18006), MB 229.71, Volvo VCC RBSO-2AE, JLR 03.5006

### MAIN PHYSICAL DATA

	Methods	Units	0W-30
Density at 20°C	ASTM D4052	kg/m³	842
Kinematic viscosity at 40°C	ASTM D445	mm²/s	42
Kinematic viscosity at 100°C	ASTM D445	mm²/s	8.3
Viscosity index	ASTM D2270		178
Pour point	ASTM D97	°C	-51
Cleveland Open Cup Flash Point	ASTM D92	°C	222
Dynamic viscosity at -35°C	ASTM D5293	mPa⋅s	5700
HTHS viscosity (150°C)	CEC L-036-90	mPa⋅s	2.61
Sulphated ash	ASTM D874	% mass	0.77
Total Base Number (TBN)	ASTM D2896	mgKOH/g	7.8

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-20) provides quick oil flow, increases fuel economy, reduces CO<sub>2</sub> and exhaust gas emissions, and offers 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.









005-LAB/FTM/38-2020/3077 Always consult the owner's manual to check the recommended viscosity grade and specifications for your vehicle.