



LUBE M - SAE 0W-20

100% synthetic fuel economy - "Mid SAPS" lubricant

USES

100% synthetic low viscosity oil for high performance gasoline and diesel engines in passenger cars (incl. DPF equipped vehicles) . Specifically developed for Mercedes-Benz, Jaguar and Land Rover vehicles which require MB 229.71 or ST JLR 51.5122 SAE 0W-20 lubricants. This oil can replace ST JLR.03.5004 lubricants (YACCO LUBE F 5W20) specified in Jaguar Land Rover 3.0 L S/C, 5.0 L and 5.0 L S/C engines (from 2010 to 2014).

YACCO LUBE M SAE 0W-20 is also suitable for vehicles when the manufacturer recommends SAE 0W-20 ACEA C5 or API SN oils.

Approvals: Mercedes-Benz MB-Approval 229.71

Specifications: ACEA C5; API SN
Jaguar Land Rover ST JLR.51.5122 acknowledgement



MAIN PHYSICAL DATA

		Methods	Units	0W-20
Density at	20°C	ASTM D4052	kg/m ³	838
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	42
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	8.5
Viscosity index		ASTM D2270		185
Pour point		ASTM D97	°C	-42
Cleveland Open Cup Flash Point		ASTM D92	°C	212
Dynamic viscosity at	-35°C	ASTM D5293	mPa·s	4500
HTHS viscosity (150 °C)		CEC L-036-90	mPa·s	2.6
Sulphated ash		ASTM D874	% mass	0.8
Total Base Number (TBN)		ASTM D2896	mgKOH/g	7.7

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

PROPERTIES & ADVANTAGES

- ▶ Low viscosity (SAE 0W-20 viscosity grade) ensures quick oil flow, provides increased fuel economy and keeps emissions (CO₂, Nox, particulates...) extremely low, whilst offering outstanding protection against engine wear.
- ▶ "Mid SAPS" technology extends the service life of diesel particulate filters (DPF)
- ▶ Excellent detergent-dispersant properties keep the engine clean.
- ▶ Outstanding shear stability maintains perfect lubrication at high temperatures.
- ▶ Low viscosity at cold temperatures for easy start-ups, whatever the outside temperature may be.



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