



LUBE FE – SAE 0W-16

100% synthetic “fuel economy” engine oil

USES

100% synthetic low-viscosity motor oil for gasoline and hybrid engines in passenger cars.

YACCO LUBE FE 0W16 improves fuel efficiency and reduces CO₂ emissions.

Some manufacturers are starting to authorize or recommend the use of very fluid SAE 0W-16 oils (Honda, Suzuki, Toyota...)

Approvals: API SP; ILSAC GF-6b

MAIN PHYSICAL DATA

		Methods	Units	0W-16
Density at	20°C	ASTM D4052	kg/m ³	843
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	36
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	6.9
Viscosity index		ASTM D2270		155
Pour point		ASTM D97	°C	-39
Cleveland Open Cup Flash Point		ASTM D92	°C	225
Dynamic viscosity at	-35°C	ASTM D5293	mPa·s	5850
HTHS viscosity (150°C)		CEC L-036-90	mPa·s	2.3
Sulphated ash		ASTM D874	% mass	0.88
Total Base Number (TBN)		ASTM D2896	mgKOH/g	7.4

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

PROPERTIES & ADVANTAGES

- ▶ Very low viscosity (SAE 0W-16) ensures quick oil flow, increases fuel economy and reduces exhaust emissions (CO₂, NO_x, particulate matter, etc.), whilst offering excellent protection against engine wear.
- ▶ Good detergent-dispersant properties keep the engine clean.
- ▶ Excellent shear stability ensures optimal viscosity at 100°C and 150°C, meaning improved lubrication at high temperatures.
- ▶ Low viscosity at cold temperatures for easy start-ups in very low temperatures.



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