



LUBE FE – SAE 0W-16

100% synthetic “fuel economy” engine oil

USES

100% synthetic low-viscosity motor oil for gasoline and hybrid engines in passengers 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 SQ; ILSAC GF-7 (in progress)

MAIN PHYSICAL DATA

	Methods	Units	0W-16
Density at 20°C	ASTM D4052	kg/m ³	845
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	37.4
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	67.3
Viscosity index	ASTM D2270		166
Pour point	ASTM D97	°C	-39
Cleveland Open Cup Flash Point	ASTM D92	°C	224
Dynamic viscosity at -35°C	ASTM D5293	mPa·s	5900
HTHS viscosity (150°C)	CEC L-036-90	mPa·s	2.4
Sulphated ash	ASTM D874	% mass	0.85
Total Base Number (TBN)	ASTM D2896	mgKOH/g	8.1

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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