



# LUBE Me - SAE 0W-40

PAO-based 100% synthetic lubricant

## USES

PAO-based 100% synthetic lubricant for high performance gasoline engines. Meets or exceeds the requirements of most car manufacturers. Specifically developed for last generation of gasoline engines. Provides instant lubrication and excellent engine protection under extremely high operating temperatures.

**This lubricant is a mandatory requirement on the latest Mercedes C-Class hybrid models (C300e / C400e) after 2021.**

**Approvals:** Mercedes-Benz MB-Approval 229.52

**Specifications:** ACEA C3; API SP ; MB 229.51

## MAIN PHYSICAL DATA

		Methods	Units	0W-40
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	824
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	75.1
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	13.6
Viscosity index		ASTM D2270		188
Pour point		ASTM D97	°C	-48
Cleveland Open Cup Flash Point		ASTM D92	°C	225
Dynamic viscosity at	-35°C	ASTM D5293	mPa·s	5950
HTHS viscosity (150 °C)		CEC L-036-90	mPa·s	3.7
Sulphated ash		ASTM D874	% mass	0.8
Total Base Number (TBN)		ASTM D2896	mgKOH/g	9.6

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

## PROPERTIES & ADVANTAGES

- ▶ PAO-based 100% synthetic formula with specific additives. Exceeds the performance level of most SAE 5W40 and SAE 0W40 engine oils available on the market.
- ▶ Outstanding thermal and oxidation stability extend the service life of the oil and provide optimal engine protection, even during extended oil change intervals.
- ▶ Excellent shear resistance for enhanced stay-in-grade performance.
- ▶ Low viscosity at cold temperatures for easy start-ups, even under very low temperatures, reducing wear on vital engine parts during cold starts
- ▶ High detergent/dispersant properties keep the engine clean, even under the most extreme driving conditions.



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