

ELITE COSMOS 0W40

AUTOMOTIVE



Lubricants

Description

Synthetic lubricant, especially designed to satisfy the high performance required by high-end vehicle engines (including such prestigious manufacturers as Mercedes Benz, BMW, Porsche and Audi). Stands out for its specific long-life properties. Its viscosity and state of the art components provide exceptional engine protection under the most extreme environmental and operating conditions. Indispensable in state of the art vehicles for optimum performance.

Properties

- Its viscosity facilitates start-up, especially at very low temperatures, thereby preventing premature engine wear.
- Tests conducted show high resistance to oxidation and minimum sludge and waste formation, ensuring engine cleanliness and life.
- Recommended for high-end GTs and particularly for Volkswagen W8 and W12 engines.
- Its high thermal stability and the synthetic nature of its composition allow for longer periods between oil changes and minimises lubricant consumption

Quality Levels

- MB 229.3
- VW 502.00/505.00/503.01
- BMW LL-98
- PORSCHE A40

Technical specifications

	UNIT	METHOD	VALUE
SAE GRADE			0W40
Density at 15 °C	g/mL	ASTM D 4052	0.865
Viscosity at 100 °C	cSt	ASTM D 445	13.5
Viscosity at 40 °C	cSt	ASTM D 445	75
Viscosity at -35 °C	cP	ASTM D 5293	6200 max.
Viscosity index	-	ASTM D 2270	175 min.
Flash point, open cup	°C	ASTM D 92	215 min.
Pour point	°C	ASTM D 97	-45
T.B.N.	mg KOH/g	ASTM D 2896	10.6
Sulphated ashes	% in weight	ASTM D 874	1.2
Bosch Injector Shearing: Viscosity at 100 °C after shearing	cSt	CEC-L14-93	12.5 min.
Noack Volatility, 1hr at 250 °C	% in weight	CEC-L40-93	12 max.

A safety data file is available on request.

repsol.com
+34 901 111 999

Technical data sheet for Lubricants. Revision 3. March 2011.