

# ELITE SUPER 20W50



AUTOMOTIVE

Lubricants

## Description

Mineral multigrade lubricant oil recommended for petrol and diesel car engines, whether equipped with a catalyst or not. Its main characteristics include its resistance to shearing and good characteristics for cold start-up. It provides excellent service on the road, motorway and in the city. ELITE SUPER 20W50 meets the demands of the main car manufacturers, and in addition to having the right viscosity to work at high temperatures, it is characterised by its low consumption and good detergent and dispersant properties.

## Properties

- Engine tests conducted to pass the quality levels of MB and VW group manufacturers ensure engine cleanliness throughout the oil use period, and therefore significantly improve vehicle life.
- Good protection against oil oxidation, preventing the formation of lacquers or varnishes.
- Maintains adequate viscosity at high temperatures, and the nature of its base oils leads to low lubricant consumption.
- Specially recommended for high mileage vehicles due to its excellent behaviour against friction at high temperature, and its reduced consumption.

## Quality Levels

- API SL/CF
- ACEA A3/B3
- VW 501.01/505.00
- MB 229.1

## Technical specifications

	UNIT	METHOD	VALUE
SAE GRADE			20W50
Density at 15 °C	g/mL	ASTM D 4052	0.8924
Viscosity at 100 °C	cSt	ASTM D 445	18.3
Viscosity at 40 °C	cSt	ASTM D 445	167
Viscosity at -15 °C	cP	ASTM D 5293	9500 max.
Viscosity index	-	ASTM D 2270	120
Flash point, open cup	°C	ASTM D 92	210 min.
Pour point	°C	ASTM D 97	-27
T.B.N.	mg KOH/g	ASTM D 2896	8.6
Sulphated ashes	% in weight	ASTM D 874	1
Bosch Injector Shearing: Viscosity at 100 °C after shearing	cSt	CEC L-14-93	16.3 min.
Noack Volatility, 1hr a 250 °C	% in weight	CEC L-40-93	13 max.

A safety data file is available on request.

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Technical data sheet for Lubricants. Revision 6 May 2011