

# ELITE 50501 5W-40

## Description

Synthetic lubricant oil suitable for any high performance engine. Its formulation makes it irreplaceable to lubricate Seat-Audi-VW-Skoda group TDI engines using unit injection pumps. Its characteristics make it compatible with other fuels such as LPG (Liquefied Petroleum Gas) and CNG (Compressed Natural Gas), common in public transport vehicles. Its reduced ash content, compatibility with exhaust fume treatment systems and particular viscosity contribute to minimizing wear on critical engine parts, and also to reducing harmful environmental emissions.

## Properties

- Specially designed to protect the valve train and the mechanical unit injector system, particularly those of the SEAT-AUDI-VW-SKODA group.
- Its low ash content means it can be used in diesel engines that require an ACEA C3 quality level and which include particle filters to minimise pollutant emissions.
- Tested with the demanding wear tests of the VW 505.01 standard. The excellent technical performance ensures longer engine life.
- Developed with high performance additives for greater stability of viscosity and high fluidity at low temperatures, even after oxidation tests, thereby reducing oil consumption.

## Quality levels, approvals and recommendations

• VW: 505 00/505 01\*

• ACEA: C3

\*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			5W-40
Density at 15 °C	g/cm3	ASTM D4052	0.850
Kinematic viscosity at 100 °C	cSt	ASTM D445	14.4
Kinematic viscosity at 40 °C	cSt	ASTM D445	86
CCS Viscosity at -30 °C	cP	ASTM D5293	< 6.600
Viscosity index		ASTM D2270	172
Flash point, open cup	°C	ASTM D92	> 215
Pour point	°C	ASTM D97	-39
TBN	mg KOH/g	ASTM D2896	7.4
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	12.5
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	< 12
HTHS, viscosity at 150 °C	cP	CEC L-36-90	>3.5

The above mentioned characteristics are typical values and should not be considered product specifications.