

ELITE 50501 TDI 5W40

AUTOMOTIVE

Lubricants



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 minimising 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

- VW 502.00/505.00/505.01
- ACEA A3/B3-04, A3/B4-04, C3

Technical specifications

| | UNIT | METHOD | VALUE |
|---------------------------------|-------------|-------------|-----------|
| SAE GRADE | | | 5W40 |
| Density at 15 °C | g/mL | ASTM D 4052 | 0.850 |
| Viscosity at 100 °C | cSt | ASTM D 445 | 14.4 |
| Viscosity at 40 °C | cSt | ASTM D 445 | 86 |
| Viscosity at -30 °C | cP | ASTM D 5293 | 6600 max. |
| Viscosity index | - | ASTM D 2270 | 172 |
| Flash point, open cup | °C | ASTM D 92 | 215 min. |
| Pour point | °C | ASTM D 97 | -39 |
| T.B.N. | mg KOH/g | ASTM D 2896 | 7.4 |
| Bosch Injector Shearing: | | | |
| Viscosity at 100°C after shear | cSt | CEC L-14-93 | 12.5 |
| Noack Volatility, 1hr at 250 °C | % in weight | CEC L-40-93 | 12% max. |
| HTHS, viscosity at 150 °C | cP | CEC-L-36-90 | >3.5 |

A safety data file is available on request.

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