



Description

Highly versatile mineral and synthetic base multigrade lubricant oil developed for use in direct injection diesel engines, although it is also perfectly suitable for indirect injection engines. LEADER TDI 15W-40 prevents deposit formation in the turbo-compressor and protects against wear of the internal engine components when operating at high temperatures. It also offers excellent resistance to oxidation and ageing and has high detergent and dispersant power.

Properties

- Suitable for all light diesel engines, whether direct or indirect injection, except for SEAT-AUDI-VW-SKODA group TDI engines that use a unit injector pump.
- High detergent power that neutralizes the acids produced by combustion, even when used with fuels with higher Sulphur content.
- Very stable against evaporation. Maintains the correct pressure at any temperature and under all working conditions, with minimum lubricant consumption.

Quality levels, approvals and recommendations

• API SN/CF*

• ACEA A3/B4

*Formal approval

Technical specifications

| | UNIT | METHOD | VALUE |
|--|-------------|-------------|--------|
| SAE Grade | | | 15W-40 |
| Density at 15 °C | g/cm3 | ASTM D4052 | 0.873 |
| Kinematic viscosity at 40 °C | cSt | ASTM D445 | 101 |
| Kinematic viscosity at 100 °C | cSt | ASTM D445 | 14.0 |
| CCS Viscosity at -20 °C | cP | ASTM D5293 | 5531 |
| Viscosity index | - | ASTM D2270 | 139 |
| Flash point, open cup | °C | ASTM D92 | 226 |
| Pour point | °C | ASTM D97 | -18 |
| Noack volatility, 1h at 250 °C | % in weight | CEC L-40-93 | <13 |
| Shearing Inj.Bosch: Vis 100 °C (30 cy) | cSt | CEC L-14-93 | >12.5 |
| TBN | mg KOH/g | ASTM D2896 | 10.2 |

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