

LEADER TDI 15W-40

Automotive

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. ELITE 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 SL/CF*
- ACEA A3/B4
- MB 229.1

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/mL	ASTM D 4052	0,87
Viscosity at 100 °C	cSt	ASTM D 445	14,5
Viscosity at 40 °C	cSt	ASTM D 445	107
Viscosity at -20 °C	cP	ASTM D 5293	7000 max.
Viscosity index	-	ASTM D 2270	138
Flash point, open cup	°C	ASTM D 92	215 min.
Pour point	°C	ASTM D 97	-33
T.B.N.	mg KOH/g	ASTM D 2896	10,7
Sulphated ashes	% weight	ASTM D 874	1,5

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Bosch Injector Shearing: Viscosity at 100 ° C after shear	cSt	CEC L-14-93	12,5 min.
Noack volatility, 1 hr at 250 °C	% weight	CEC L-40-93	13 max.

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