

TURBOGRADO

20W-40

AUTOMOTIVE

Lubricantes



Description

Multigrade lubricant oil suitable for all diesel engines, naturally aspirated and forced induction. It is formulated for all Euro III and lower vehicles, as well as agricultural or civil works machinery.

Properties

- High detergent and dispersant capacity that prevents the formation of sludge in cold weather, preventing obstructions in lubricant tubes and the resulting clogging of the oil filter.
- Its alkaline reserve (TBN) ensures a long service life by neutralising acids formed from the combustion of diesel with varying sulphur content.
- Maintains adequate pressure under all service conditions.
- Prevents wear on cylinder liners that usually occurs in high-powered forced-induction engines.

Quality levels, approvals and recommendations

- API CF-4/CE
- ACEA E2
- MB 228.1

Technical specifications

	UNIT	METHOD	VALUE
SAE grade			20W-40
Density at 15 °C	g/ml	ASTM D4052	0.888
Viscosity at 40 °C	cSt	ASTM D445	107
Viscosity at 100 °C	cSt	ASTM D445	13.7
Viscosity at -15 °C	cP	ASTM D5293	9500 max.
Viscosity index	-	ASTM D2270	119
Flash point	°C	ASTM D92	215 min.
Pour point	°C	ASTM D97	-21
TBN	mg KOH/g	ASTM D2896	10.0
Bosch injector shearing: Viscosity at 100 °C after shear	cSt	CEC-L-14-93	12.5 min.
NOACK volatility, 1 h at 250 °C	% in weight	CEC-L-40-93	13 max.

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

A safety data sheet is available on request.

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