

Description

Maximum performance, high-quality multigrade lubricant oil. Recommended for naturally aspirated and turbocharged diesel engines, in both family and industrial vehicles (buses, trucks, public works and agriculture).

Properties

- Multigrade oil, very fluid when cold, which facilitates ignition and reduces metal wear in the engine. Can be used in any weather conditions.
- Its alkaline reserve (TBN) enables it to protect the engine against corrosion by neutralising the acids formed in the combustion of diesels with different sulphur content, both automotive and agricultural.
- It maintains the proper pressure at any temperature and in all working conditions.
- Recommended for stop & go service.
- Ideal product for city and public works services with normal change intervals.
- Its detergent-dispersant power maintains combustion residue in suspension, good cleanliness of cold engine parts even with longer change intervals.
- Avoids polishing cylinder jackets, so typical in high-power supercharged engines.

Quality levels, approvals and recommendations

- API CG-4/SH
 - ACEA E2
 - MB-Approval 228.1*
 - MAN 271
 - VOLVO VDS
- *Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/cm3	ASTM D 4052	0.881
Viscosity at 100 °C	cSt	ASTM D 445	14.1
Viscosity at 40 °C	cSt	ASTM D 445	110
Viscosity at -20 °C	cP	ASTM D 5293	<7000
Viscosity index	-	ASTM D 2270	>125
Flash point, open cup	°C	ASTM D 92	>215
Pour point	°C	ASTM D 97	-27
T. B. N.	mg KOH/g	ASTM D 2896	8,0
Bosch injector shear at 100 °C	cSt	ASTM D 3945	>12.5
Noack volatility, 1hr at 250 °C	% weight	DIN 51581	<13

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