



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

- ACEA E2
- API CG-4/SH
- MB 228.1

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/cm3	ASTM D4052	0.872
Kinematic viscosity at 40 °C	cSt	ASTM D445	110
Kinematic viscosity at 100 °C	cSt	ASTM D445	14.1
CCS Viscosity at -20 °C	cP	ASTM D5293	<7,000
Viscosity index	-	ASTM D2270	>125
Flash point, open cup	°C	ASTM D92	>215
Pour point	°C	ASTM D97	-27
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	8.0

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