



Description

Multigrade oil lubricant recommended for all types of diesel engines, both naturally aspirated and forced induction. The oil is formulated with additives that strengthen the detergent and dispersant power to ensure a cleaner engine, meeting with the demands of vehicle manufacturers.

Properties

- Multigrade oil facilitating ignition at cold temperatures and reducing metal wear in the engine.
- Its extraordinary detergent-dispersant power avoids the formation of sludge when cold and eliminates lubricant duct and oil filter clogging.
- Disperses sludge, combustion residue and rust, stops the formation of deposits in segments and varnishes at high temperatures.
- Its alkaline reserve (TBN) provides protection over long periods of use by neutralising the acids formed in the combustion of diesels with different sulphur content.
- Avoids polishing cylinder jackets, so typical in high-power supercharged engines.
- Maintains the right level of pressure for all working conditions.

Quality levels, approvals and recommendations

• ACEA E5

• API CH-4/SJ

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/cm3	ASTM D4052	0.874
Kinematic viscosity at 40 °C	cSt	ASTM D445	108
Kinematic viscosity at 100 °C	cSt	ASTM D445	14.8
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 (90 cy)	cSt	CEC L-14-93	>12.5
TBN	mg KOH/g	ASTM D2896	10.0

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