

## 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
- MB 228.1
- ACEA E2

## Technical specifications

	UNIT	METHOD	VALUE	
SAE Grade			20W-40	
Density at 15 °C	g/mL	ASTM D 4052	0.888	
Viscosity at 40 °C	cSt	ASTM D 445	107	
Viscosity at 100 °C	cSt	ASTM D 445	13.7	
Viscosity at -15 °C	cP	ASTM D 5293	<9500	
Viscosity index	-	ASTM D 2270	119	
Flash point	°C	ASTM D 92	>215	
Pour point	°C	ASTM D 97	-21	
T. B. N.	mg KOH/g	ASTM D 2896	10.0	
Bosch Injector Shearing: after shear	Viscosity at 100 °C	cSt	CEC-L-14-93	>12.5
Viscosity at 100 °C after shear	% weight	CEC-L-40-93	<13	

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