

## Description

Synthetic lubricating oil for heavy vehicles with very high performance. It meets the requirements of most manufacturers for being considered Long Life. Furthermore, it is characterised by its viscosity and ability to work at any temperature, save fuel and contribute to reducing CO2 emissions to the atmosphere. It is compatible with EGR systems (Exhaust Gas Recirculation) and SCR catalytic converters, and can be used by biodiesel engines. This is a modern lubricant that is recommended for engines that comply with the Euro V regulations on pollutant emissions.

## Properties

- Long-life lubricating oil that makes it possible to reduce maintenance costs and the generation of waste.
  - It can be used when using biodiesel as fuel, in accordance with the manufacturer-recommended change periods.
  - Results revealed a fuel saving of approximately 200 litres per year compared with other 5W30 oils on the market, and up to 400 litres per year in comparison with 10W40 oils(\*).
  - Suitable for vehicles undertaking international long-hauls by road; it also has a long change period, as its high alkaline reserve allows it to be used with fuels of varying quality.
- (\* ) Data obtained with an average estimate of a truck that travels 150,000 km/year.

## Quality levels, approvals and recommendations

- ACEA E7/E4
- MAN 3277\*
- MB 228.5\*
- SCANIA LDF-3\*
- VOLVO VDS-3\*
- MTU Type 3\*
- Renault VI RXD, RLD-2\*
- DEUTZ DQC IV-10\*
- MACK EO-N\*
- DAF Extended Drain

\*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			5W-30
Density at 15 °C	g/cm3	ASTM D 4052	0.858
Viscosity at 100 °C	cSt	ASTM D 445	12.3
Viscosity at 40 °C	cSt	ASTM D 445	75
Viscosity at -30 °C	cP	ASTM D 5293	<6600
Viscosity index	-	ASTM D 2270	163
Flash point, open cup	°C	ASTM D 92	>225
Pour point	°C	ASTM D 97	<-39
T. B. N.	mg KOH/g	ASTM D 2896	15.5
Bosch Injector Shearing: after shear	Viscosity at 100 °C	CEC-L-14-93	>9.3
Sulphated ashes	% weight	ASTM D 874	1.8

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