

## Description

Mineral and synthetic based lubricant oil that meets the most demanding international quality standards and is recommended for use in petrol and diesel engines. Compatible with other fuels such as LPG (Liquefied Petroleum Gas) and CNG (Compressed Natural Gas). Protects the engine against wear of all its components and, thanks to its detergent-dispersant capacity, it keeps the engine clean, preventing deposit formation in piston grooves, valves, etc. Compatible with auxiliary systems such as catalysts.

## Properties

- Keeps the engine clean, preventing deposit formation in piston grooves, valves, etc.
- Developed with refined additives and base oils that allow for greater viscosity stability and low volatility to achieve optimum engine performance throughout the period of oil use, and with very low consumption.
- Suitable for petrol, diesel and hybrid engines that use CNG or LPG, and where the engine manufacturer does not require an extended service lubricant.

## Quality levels, approvals and recommendations

- API SL/CF\*
- ACEA A3/B4
- MB 229.1

\*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/mL	ASTM D 4052	0,87
Viscosity at 100 °C	cSt	ASTM D 445	14,5
Viscosity at 40 °C	cSt	ASTM D 445	107
Viscosity at -20 °C	cP	ASTM D 5293	7000 max.
Viscosity index	-	ASTM D 2270	138
Flash point, open cup	°C	ASTM D 92	215 min.
Pour point	°C	ASTM D 97	-33
T.B.N.	mg KOH/g	ASTM D 2896	10,7

## LEADER INYECCIÓN 15W-40

Automotive

Sulphated ashes	% weight	ASTM D 874	1,5
Bosch Injector Shearing: Viscosity at 100 ° C after shear	cSt	CEC L-14-93	12,5 min.
Noack volatility, 1hr at 250 °C	% weight	CEC L-40-93	13 max.

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