



## 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

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

- MB 229.1
- \*Formal approval

## Technical specifications

|                                        | UNIT        | METHOD      | VALUE  |
|----------------------------------------|-------------|-------------|--------|
| SAE Grade                              |             |             | 15W-40 |
| Density at 15 °C                       | g/cm3       | ASTM D4052  | 0.880  |
| Kinematic viscosity at 40 °C           | cSt         | ASTM D445   | 107    |
| Kinematic viscosity at 100 °C          | cSt         | ASTM D445   | 14.5   |
| CCS Viscosity at -20 °C                | cP          | ASTM D5293  | <7,000 |
| Viscosity index                        | -           | ASTM D2270  | 138    |
| Flash point, open cup                  | °C          | ASTM D92    | >215   |
| Pour point                             | °C          | ASTM D97    | -33    |
| 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  |
| Sulphated ashes                        | % in weight | ASTM D874   | 1.5    |
| TBN                                    | mg KOH/g    | ASTM D2896  | 10.7   |

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