



## Description

Semi-synthetic multigrade lubricating oil for use in engines of cars and light commercial vehicles. It combines high resistance to oxidation to optimise the change period, and a viscosity which facilitates vehicle starting, thus reducing wear.

## Properties

- Multigrade lubricant with semi-synthetic base oils.; It can be used in the petrol and diesel engines of most vehicle manufacturers.
- Its outstanding features include resistance to the formation of deposits at high temperatures and of sludge at low temperatures, thus keeping the engine clean and increasing its durability.
- As a lubricant it is resistant to the loss of viscosity that occurs with some multigrade oils during their use. Thus the engine is kept properly lubricated during the entire period that the oil is used.

## Quality levels, approvals and recommendations

- ACEA A3/B4
- API SN/CF

- MB 229.1
- VW 501 01/505 00

## Technical specifications

|  | UNIT        | METHOD      | VALUE  |
|--|-------------|-------------|--------|
| SAE Grade                              |             |             | 10W-40 |
| Density at 15 °C                       | g/cm3       | ASTM D4052  | 0.857  |
| Kinematic viscosity at 40 °C           | cSt         | ASTM D445   | 90     |
| Kinematic viscosity at 100 °C          | cSt         | ASTM D445   | 13.7   |
| CCS Viscosity at -25 °C                | cP          | ASTM D5293  | <7,000 |
| Viscosity index                        | -           | ASTM D2270  | 156    |
| Flash point, open cup                  | °C          | ASTM D92    | >215   |
| Pour point                             | °C          | ASTM D97    | -39    |
| 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  |
| TBN                                    | mg KOH/g    | ASTM D2896  | 10.7   |

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