

MOTOR VEHICLE LUBRICANTS. CARS

XTAR 10W40

DESCRIPTION ECOPRODUCT

The synthetic technology engine lubricant oil XTAR 10W40 is specially recommended for meeting the high demands of medium and high speed, direct injection diesel and petrol engines, not equipped with particle filters (DPF/GPF).

PRODUCT APPLICATIONS

- Indicated in modern, high-range and performance private cars: saloon and sports cars and, in general, those fitted with very powerful mechanical systems.
- For modern technology designs: turbocharged, direct-injection, common-rail, intercooler, HDI and CDI etc.
- For all types of climate and driving, especially severe service.

PRODUCT PERFORMANCE

- VW 502.00/505.00 certification ensures excellent anti-wear protection and cleaning of engine components, especially on turbocharged engines, preventing accumulations of residues the turbocharger and so increasing its useful life.
- The ACEA A3/B4 level ensures a high-level of engine protection, especially in vehicles with engines fitted with direct-injection systems, enabling maximum performance to be maintained.
- It facilitates cold starting and contributes to fuel savings when compared to oils of greater viscosity.
- It has low volatility, which favours low oil consumption, even in the most demanding applications.
- It protects the engine from acid gases produced during combustion.

SPECIFICATIONS

- ACEA A3/B4
- MB-Approval 229.3
- Fiat 9.55535-G2/D2
- API SN/CF
- Renault RN0700/0710
- VW 502.00/505.00
- PSA B71 2300



TYPICAL CHARACTERISTICS

| CHARACTERISTIC | UNITS | METHOD | XTAR 10W40 |
|-------------------------|----------|-------------|--------------|
| SAE Grade | - | - | 10W40 |
| Density at 15°C | g/ml | ASTM D 4052 | 0,871 |
| Viscosity at 100°C | cSt | ASTM D 445 | 13,4 |
| Viscosity at 40°C | cSt | ASTM D 445 | 92,6 |
| Viscosity Index | - | ASTM D 2270 | 146 |
| CCS Viscosity at -30°C | cP | ASTM D 5293 | 5400 |
| Freezing Point | °C | ASTM D 5949 | -36 |
| Flash Point (COC) | °C | ASTM D 92 | >210 |
| Base number, TBN | mg KOH/g | ASTM D 2896 | 11 |
| Sulphated Ash | % (m/m) | ASTM D 874 | 1,2 |
| HTHS Viscosity at 150°C | cP | ASTM D 4683 | 3,6 |

HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes. These values may be modified without any prior warning..