

100 % synthetic oil.

High-performance multigrade lubricant, strong protection against wear and reduction of internal friction. Suitable for modern petrol or Diesel, natural-aspiration, turbocompressed or multi-valve engines, running on all types of fuel, under all service conditions: racing driving, motorway, road or door-to-door.

PERFORMANCE

Standards: ACEA A3/B4
API SL/CF

Specifications:
MB 229.1
VW 502.00/505.00

ADVANTAGES

Its synthetic-based formulation and special additives (molybdenum and bismuth) give it the following performance levels:

- high fluidity at low temperatures for optimal lubrication from engine start up.
- better heat stability than conventional oils, avoiding the formation of deposits at high and low temperatures.
- low volatility (because of its SAE 50 hot grade), ensuring minimal oil consumption.
- molybdenum (polar additive) binds to lubricated metal parts, leading to a fall of 15 to 50% in friction coefficient of the parts in contact.
- bismuth optimises the action of the sulphur in the oil and improves the lubricant's anti-wear performance.

| Characteristics | Standards | Units | Values |
|-----------------------------|---------------|--------------------|--------|
| Density at 15°C | NFT 60-101 | Kg/m ³ | 852 |
| Kinematic viscosity at 40°C | NFT 60-100 | mm ² /s | 111.5 |
| Viscosity 100°C | NFT 60-100 | mm ² /s | 17.3 |
| Viscosity index | NFT 60-136 | - | 171 |
| CCS @ -30°C | ASTM D5293 | mPa.s | 6,100 |
| Noack Volatility | CEC-L-40-A-93 | % pds | 8.7 |
| Sulphated ash concentration | NFT 60-143 | % pds | 1.03 |
| Pour point | NFT 60-105 | °C | - 33 |
| Flash point | NFT 60-118 | °C | 210 |
| TBN (Alkalinity reserve) | ASTM D2896 | Mg KOH/g | 8 |

The characteristics are given for information only and meet our current production standards. IGOL reserves the right to change them so that its customers may benefit from technical developments. Before using this product, please read the instructions for use and environmental impact information given in the technical and safety information sheets. The information given above is based on the current state of knowledge relative to the product concerned. Product users must take all appropriate precautions relative to its use. IGOL cannot be held responsible for any damage resulting from incorrect use of the product.

Document ref.: I-116-1503
Date of publication: 19/03/2015