

**100 % synthetic oil.**

High-performance multigrade lubricant formulated from PAO and ESTER synthetic base oils, 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

#### API SN

Includes all the qualities of API SM oils: resistance to oxidation, reduced wear and very good low temperature performance plus it is designed to provide improved protection against piston deposits and better compatibility with elastomers.

#### ACEA A3/B4

High-performance engine oil for petrol and diesel engines (including direct injection), with increased shear strength and excellent viscosity stability even under heavy use. Tolerates maximum oil change intervals.

### 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.

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**PHYSICO-CHEMICAL PROPERTIES**

Characteristics	Standards	Units	Result
Viscosity 40°C	ASTM D7042	mm <sup>2</sup> /s	113.4
Viscosity 100°C	ASTM D7042	mm <sup>2</sup> /s	18.1
Viscosity index	ASTM D2270	-	178
Density at 15°C	ASTM 4052	kg/m <sup>3</sup>	0.853
HTHS viscosity at 150°C	ASTM D4683	mPa.s	4.27
Flash point	ASTM D92	°C	226
Pour point	ASTM D97	°C	-49

*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.*

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