

Synthetic lubricant based on polyalphaolefin (PAO) and ESTER, with very low viscosity and high resistance to extreme conditions of use.

## PERFORMANCES

### 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.

**Standards:** MB-Approval 229.5\* / MB 229.3  
FORD WSS M2C 937-A  
RENAULT RN700/0710  
PORSCHE A40  
VW 502.00/505.00

*\*Approved quality, recommended in the context of manufacturers' guarantees.*

## ADVANTAGES

The approval of **IGOL RACE FACTORY RACING 0W-40** according to Mercedes-Benz MB 229.5 allows it to be used on most of the high-performance petrol and diesel engines (without particulate filters) listed by **AMG** and **BRABUS**.

The presence of polyalphaolefin and ester provides :

- strong shear and oxidation resistance guaranteeing stable oil properties throughout its period of use.
- reduced engine wear, particularly on start up.
- optimal engine cleanliness owing to reduced deposits.

Furthermore, the low viscosity optimises the engine's mechanical performance and leads to energy saving.

Technical data sheet



## PHYSICO-CHEMICAL PROPERTIES

Characteristics	Standards	Units	Result
Viscosity 40°C	ASTM D7042	mm <sup>2</sup> /s	78.4
Viscosity 100°C	ASTM D7042	mm <sup>2</sup> /s	13.8
Viscosity index	ASTM D2270	-	182
Density at 15°C	ASTM 4052	kg/m <sup>3</sup>	0.845
HTHS viscosity at 150°C	ASTM D4683	mPa.s	3.75
Flash point	ASTM D92	°C	226
Pour point	ASTM D97	°C	-56

Note: Before use, always check the manufacturer's recommendations in the maintenance manual.

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 this product, under any circumstances.

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