

## Synthetic oil.

Developed on a "low sulphated ash rate" technology (Low SAPS) studied for Euro 5 and 6 engines, Diesel with Particle Filter (DPF) and Gasoline with catalytic converter for the optimization of the operation and life of the after-treatment systems.

### PERFORMANCES

#### ACEA C3

Lubricant allowing to reach the maximum drain intervals determined by the manufacturer and providing an additional protection for the Particle Filters by limiting harmful emissions such as sulphated ashes and phosphorus. High Temperature Oil Film Strength (HTHS) > 3.5Cp.

#### API SP

Latest generation of API (American Petroleum Institute) standards for oils to improve fuel economy and meet the needs of new gasoline engine technologies: Pre-ignition at low speed and limitation of deposit formation.

### SPECIFICATIONS

#### MERCEDES BENZ

MB 229.52\* / 229.51\* / 229.31

#### BMW

BMW LL-04\*/ LL-01/ LL-98

#### VOLKSWAGEN

VW 504.00/507.00\*

#### PORSCHE

C30

\* Quality approved or in the process of being approved

Recommended use in the framework of the builder's guarantee.

Technical data sheet



## ADVANTAGES

- Reduction of particle build-up in the DPF.
- Rapid conservation and protection of the oil circuit, even in cold weather.
- Increased resistance to oxidation ensuring maximum oil change intervals.
- Shear stability to maintain optimum lubrication at high temperatures.
- Outstanding high temperature resistance.
- Suitable for all fuel types and hybrid vehicles.

IGOL PROFIVE PREMIUM TECH 5W-30 is an advanced oil that meets or exceeds the requirements of many manufacturers and supports the latest diesel and gasoline engine technologies.

Its composition elaborated with high quality base oils and additives by our Research and Development laboratory allows it to be recommended for all modern vehicles requiring a high performance lubricant.

## PHYSICO-CHEMICAL PROPERTIES

Characteristics	Standards	Unit	Values
Specific gravity at 15°C	ASTM D4052	g/cm <sup>3</sup>	0.850
Cinematic viscosity at 40°C	ASTM D7042	mm <sup>2</sup> /s	70.9
Cinematic viscosity at 100°C	ASTM D7042	mm <sup>2</sup> /s	12.35
Viscosity Index	ASTM D2270	-	174
HTHS	ASTM D4683	mPa.s	3.51
TBN	ASTM D2896	mgKOH/g	9.4
Pour point	ASTM D97 B	°C	- 41
Flash point	ASTM D92	°C	226

Note: Always check the manufacturer's recommendations in the service manual before use.

*Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.*

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Technical data sheet

