



# MAGIS series

## 5W-30 SYNTHETIC

### High performance passenger car motor oil

Fuel-saving high-tech engine oil of the latest technology. Manufactured with state-of-the-art additives in combination with synthetic components with high thermal stability, this lubricant meets the stringent requirements of ACEA standards for passenger car with gasoline and diesel engines without Diesel Particulate Filter (DPF). This engine oil, characterized by his absolute shear stability, allows extended oil drain intervals.

#### Properties and features

- Exceeds the high requirements of ACEA standards.
- Special viscosity index improvers give this motor oil an absolute shear stability (stay in grade).
- Reduces mechanical friction and allows a reduction of emissions through lower fuel consumption.
- Optimal cold-start characteristics for fast engine lubrication at low temperatures.
- Best possible wear protection under all operating conditions.
- Improved engine cleanliness due to excellent detergent and dispersant properties.
- Reduced oil consumption thanks to low evaporation losses.

#### Applications

This high performance engine oil has been developed to meet the stringent requirements of different manufacturers and therefore it is suitable for a wide range of applications.

For use in low-emission passenger car gasoline engines. With or without turbo and multi-valve technology, as well as in passenger car diesel engines, including those with direct injection, common rail and turbocharger.

This product should not be used in diesel engines with Diesel Particulate Filter (DPF).

**Observe manufacturer's specifications and instructions before use.**

#### Specifications / Performance level

ACEA A3/B4	GM-LL-A-025 / B-025
API SL / CF	Renault RN0700/0710
MB 229.5	BMW LL-01 – level
VW 502 00, 505 00	JASO MA2 level

Technical data	Unit	Method
Density at 15°C	0,854 g/cm <sup>3</sup>	ASTM D 1298
Viscosity at 40 °C	70,0 mm <sup>2</sup> /s	ASTM D 445
Viscosity at 100 °C	12,2 mm <sup>2</sup> /s	ASTM D 445
Viscosity index	168	ASTM D 2270
Viscosity at – 30°C (CCS)	6'000 cP	ASTM D 5293
HTHS Viscosity at 150°C	3,55 cP	CEC-L-36-A-97
TBN	11,2 mgKOH/g	ASTM D 2896
Sulphated ash	1,25 % mass	ASTM D 874
Flash point C.O.C.	230 °C	ASTM D 92
Pour point	-42 °C	ASTM D 97
NOACK Evaporation loss	9,8 % weight	CEC-L-40-A-93

#### Health, safety and environment

ADR / SDR : Not dangerous

EU Waste List Code : 13 02 08