

A fully synthetic (Low SAPS) engine lubricant, specially formulated for the most recent high-performance EURO 5/6 petrol and diesel engines fitted with DPF (for diesels) or a catalytic converter (for petrol engines) to optimise the operation and service life of after-treatment systems.

## PERFORMANCES

**Standards :** ACEA C3

**Specifications :** MB-Approval 229.51\*  
BMW LL-04

\* **Approved quality.** Use recommended under manufacturers' warranties.

## ORGANISATIONS & MANUFACTURERS - Scope of application -

**ACEA C3:** Requiring Low SAPS oil (low concentration of sulphated ash <0.8%, 0.07%<Phosphorus<0.09%, S<0.3%=ACEA C2), with HTHS viscosity>3.5 mPa.S and achieving the max. oil change intervals determined by the manufacturer.

**BMW LL-04:** For all Petrol or Diesel engines produced since 2004. Fully covers BMW LL-98 and BMW LL-01.

**MB p.229.51:** For all Mercedes engines equipped with gas Aftertreatment (catalyst, PF) with max. oil change intervals

## USES

This fuel-economy engine oil is suitable for petrol, GPL and diesel engines, turbocharged or not, fitted to privately-owned cars and vans.

Characteristics	Standards	Units	Values
Density at 15°C	Kg/l	NF T 60-101	0.843
Viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	61.10
Viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	11.30
Viscosity Index	-	NF T 60-136	181
CCS Viscosity at -35°C	mPa.s	ASTM D 5293	6000
Sulphated Ashes	% pds	NF T 60-143	0.72
Pour point	°C	NF T 60-105	-45

Technical data sheet

These 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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