

Synthetic oil.

A high-performance synthetic lubricant, developed based on a low-SAPS (low sulphated ash content) technology, recommended for EURO 5/6 diesel engines (with or without DPF) and for petrol engines fitted with a catalytic converter, which require an oil which satisfies ACEA C2 or ACEA C3.

PERFORMANCE DATA

Standards: ACEA C2/C3
API SN

Specifications:
Mercedes MB p.229.51/229.52
GM Dexos 2

BODIES and MANUFACTURERS – Field of application –

ACEA C2: requiring a low-SAPS oil (low sulphated ash content <0.8%, 0.07%<phosphorus<0.09%, S<0.3%), enabling a reduction in fuel consumption (with HTHS viscosity >2.9 mPa.S) and achieving the maximum oil change intervals specified by the engine manufacturer.

ACEA C3: requiring a low-SAPS oil (low sulphated ash content <0.8%, 0.07%<phosphorus<0.09%, S<0.3%=ACEA C2), with HTHS viscosity >3.5 mPa.S and achieving the maximum oil change intervals specified by the engine manufacturer.

API SN: designed to reduce high-temperature deposits on the pistons and to minimise sludge formation under demanding operating conditions. The product meets the ILSAC GF-5 requirements by combining API SN performance levels with greater fuel economy.

GM Dexos 2: for every engine in the GM Petrol and Diesel (with or without DPF) group manufactured as from 2010. Replaces in full the standards GM-LL-A-025 (petrol) and GM-LL-B-025 (diesel).

MB 229.51: for every Mercedes engine fitted with an exhaust gas after-treatment system (catalytic converter, DPF) and for the maximum oil change interval.

MB 229.52: a new specification developed to protect the powerful OM642 engine under demanding conditions of use (e.g. M-class, G-class, Vito, Viano and Sprinter). In these applications the temperature of the engine oil is higher since there is no cooling system; consequently the oxidation stresses are greater.

Characteristics	Standards	Units	Values
Density at 15°C	ASTM D4052	g/cm ³	0.852
Viscosity at 40°C	ASTM D445	mm ² /s	71
Viscosity at 100°C	ASTM D445	mm ² /s	12
Viscosity index	NF T 60-136	-	171
TBN	ASTM D2896	mgKOH/g	7.2
Sulphated ash content	ASTM D874	% m	0.77
Pour point	ASTM D2602	°C	-33
Flash point	ASTM D92	°C	234

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

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