

Synthetic oil.

Developed using Low SAPS technology, designed for EURO 5/6 Diesel engines with Particle Filter (PF) and Petrol engines with catalytic converter to optimise the operation and lifespan of aftertreatment systems.

PERFORMANCES

Standards: ACEA C3
API SN

Specifications:
MB-Approval 229.51*/MB-Approval 229.52*
GM Dexos2*
Licence number: RB2A1008017
BMW LL-04*/ LL-01/ LL-98
VW 502.00/ 505.00 / 501.00

* **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>3.5mPa.S and achieving the max. oil-change intervals determined by the manufacturer

API SN: Designed to reduce deposits on pistons at high temperatures and minimise the formation of sludge during intensive use. The product meets ILSAC GF-5 requirements, combining API SN performance with an improvement in "fuel economy" behaviour.

API CF: Diesel from 1994 (not recommended for LV in EU).

GM Dexos2: For all GM group Petrol and Diesel engines (with or without PF) produced since 2010. Completely replaces GM-LL-A-025 (petrol) and GM-LL-B-025 (Diesel) standards

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

MB 229.52: New specification developed to protect the powerful OM642 engine under intensive conditions of use (e.g. M-class, G-class, Vito, Viano and Sprinter). In these applications, the engine oil reaches a higher temperature because there is no cooling system. Oxidation constraints are therefore more important.

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

VW 502.00: Level ACEA A3-96 plus engine tests PV1449 for petrol engine.

VW 505.00: Level ACEA B3 for natural-aspiration or supercharged Diesel engines. Max. oil change at 15 000 Kms.

VW 505.01: For natural-aspiration Petrol and Diesel engines

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

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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