

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 C3-10
API SN/CF

Specifications:
MB p.229.51/229.31/226.5
BMW LL-04/ LL-01/ LL-98
PORSCHE A40
FORD WSS-M2C-917A
VW 502.00/505.01
GM Dexos2
RENAULT RN 0700/0710

ORGANISATIONS and 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: Petrol = SM+ exhaust system protection + Turbocompressor.

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

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

MB 229.31: For all Mercedes engines equipped with gas Aftertreatment (catalyst, PF) with standard oil-change interval.

MB 226.5: equivalent to MB p.229.5 and applies to MERCEDES Petrol engines (MERCEDES/RENAULT-NISSAN partnership).

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

PORSCHE A40: for all PORSCHE engines except Cayenne V6 and Diesel version.

Technical data sheet



FORD WSS-M2C-917A: for FORD Galaxy 1.9 TDI produced up to 2006; and FORD Ka 1.2 Duratec and 1.3 Duratorq TDCi manufactured since 2008.

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

VW 505.01: for all Diesel engines in the VW group equipped with a pump injector (or not).

GM Dexos2: for all GM group Petrol and Diesel engines (with or without PF) manufactured after 2010. Completely replaces GM-LL-A-025 (petrol) and GM-LL-A-025 (Diesel) standards.

RENAULT RN 700: For all RENAULT group engines, Renault Sport Petrol Turbocompressed and all Diesel 1.5L dCi engines **without PF** (<100CV), oil change interval 20 000 Kms or 1 year.

RENAULT RN 710: For all RENAULT group engines, Natural-aspiration petrol (except Renault Sport), Diesel engines **without PF except** Diesel engine 1.5L dCi **without PF** (<100CV), oil-change interval 20 000 Kms or 1 year. Also applied to the 2.2 dCi engine **with PF**.

Characteristics	Standards	Units	Values
Density at 15°C	NFT 60-101	Kg/m ³	857
Viscosity 100°C	ASTM D445	mm ² /s	14
Viscosity index	NF T 60-136	-	155
Pour point	ASTM D2602	°C	-47
TBN (Alkalinity reserve)	ASTM D2896	mg KOH/g	>10

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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