



6100 SAVE-clean 5W-30



Gasoline & Diesel engine lubricant

Technosynthese®

TYPE OF USE

Advanced High performance Technosynthese® Fuel Economy lubricant specially designed for recent vehicles powered by Gasoline and Diesel engines, naturally aspirated or turbocharged, indirect or direct injection, requiring use of an ACEA C2, low friction, low HTHS (≥ 2.9 mPa.s) viscosity and "Mid SAPS" lubricant with reduced content of Sulfated Ash ($\leq 0.8\%$), Phosphorus ($\leq 0.09\%$) and Sulphur ($\leq 0.3\%$).

Suitable for the latest generation of Gasoline and Diesel engines requiring a "Fuel Economy" lubricant: ACEA C2 standard. Compatible with catalytic converters (CAT) and Diesel Particulate Filters (DPF). May be unsuitable for use in some engines. Always refer to the owner manual or handbook if in doubt.

PERFORMANCES

STANDARDS	ACEA C2 API SERVICE SN
PERFORMANCES	FIAT 9.55535-S1
RECOMMENDATIONS	TOYOTA - HONDA - SUBARU

Engines compliant with Euro 4, 5 and 6 emission regulation are fitted with sensitive exhaust gas after treatment systems. Indeed, Sulfur and Phosphorus inhibit catalytic converters operation leading to inefficient exhaust gas treatment; and Sulfated Ashes clog DPFs leading to shorten regenerating cycle, quick oil aging, higher fuel consumption and engine power loss. The ACEA C2 standard requires lubricants with fuel economy and low emissions performance. MOTUL 6100 SAVE-CLEAN 5W-30 with its synthetic Technosynthese® base and reduced SAPS (Sulfated Ash, Phosphorus and Sulfur) levels formulation, makes it possible to obtain a very resistant oil film, to reduce friction in the engine and to be compatible for modern after treatment systems at the same time.

The FIAT 9.55535-S1 performance level imposes the engine oil to combine both ACEA C2 and 5W-30 in order to perfectly lubricate the Diesel 1.3L, 1.6L and 2.0L Multijet engines of FIAT, ALFA-ROMEO, and LANCIA produced from 2007.

Some Asian OEMs require for their most recent Diesel engines (since 2006) an ACEA C2 lubricant to guarantee the maximum performance and durability. Examples of MOTUL 6100 SAVE-clean 5W-30 possible use for these OEMs: TOYOTA 2.0L and 2.2L D4D ; HONDA 2.2L CDTI and DTEC ; and SUBARU 2.0L D.

PSA for its B71 2290 norm requires oil to be able to endure the most severe thermal constraints along with PSA modern after treatment systems compatibility. PSA B71 2290 standard is suitable for most PSA Gasoline engines and most Diesel (including DPF versions) engines, except for "BlueHDI" Diesel. MOTUL 6100 SAVE-CLEAN 5W-30 meets the requirements of PSA B71 2290 standard from PEUGEOT CITROËN & DS AUTOMOBILE for PSA vehicles until MY2017. For vehicles from MY2018, MOTUL SPECIFIC 2290 5W-30 lubricant must be used.

RECOMENDATIONS

Drain interval: according to manufacturers' recommendations and tune to your own use.
Do not mix with lubricants not ACEA C2 compliant.
Before use always refer to the owner manual or handbook of the vehicle.

PROPERTIES

Viscosity grade	SAE J 300	5W-30
Density at 20°C (68°F)	ASTM D1298	0.851
Viscosity at 40°C (104°F)	ASTM D445	58.3 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	10.7 mm ² /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.0 mPa.s
Viscosity index	ASTM D2270	169
Pour point	ASTM D97	-40°C / -40°F
Flash point	ASTM D92	229°C / 444°F
Sulfated ash	ASTM D874	0.80% weight
TBN	ASTM D2896	8.1 mg KOH/g