



## MOTUL 6100 SAVE-ENERGY 5W-30



**Extended Fuel Economy oil for Gasoline and Diesel engines  
Technosynthese®**

### TYPE OF USE

Synthetic Technosynthese® engine lubricant for extended Fuel Economy.

Specially designed for recent vehicles powered by Gasoline engines, naturally aspirated or turbocharged, indirect or direct injection, requiring use of a "Fuel Economy" low friction and low HTHS (High Temperature High Shear) viscosity oil.

Suitable for all recent technology engines powered with Diesel or Gasoline engines requiring fuel economy lubricants: ACEA A1/B1 or A5/B5, API SP standards.

Improves fuel economy, engine response and protects against the risks of LSPI (Low Speed Pre-Ignition) abnormal combustions.

Compatible with catalytic converters.

This type of oil may be unsuitable for use in some engines. Refer to the owner manual if in doubt.

### PERFORMANCES

STANDARDS	ACEA A5/B5
	API PERFORMANCE SP

PERFORMANCES	FIAT 9.55535-G1
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The ACEA A5/B5 performance requests from the lubricant a real fuel economy and low emission performance for powerful engines: MOTUL 6100 SAVE-nergy 5W-30 has synthetic Technosynthese® base stocks and specific friction modifier molecules that provide outstanding oil film resistance, reduce friction in the engine, maintain the oil pressure, and generally decrease operating temperatures.

The API SP standard is fully backward compatible over API SN standard and all former API standards.

API SP lubricants provide outstanding oxidation resistance, better anti-deposits protection, better engine cleanliness, anti-wear protection and enhanced performance at cold temperature for Fuel Economy savings during the whole oil life span.

Turbocharged gasoline engines with direct injection have a certain risk of sporadic pre-ignition phenomena in the combustion chambers. This type of sporadic abnormal combustion called LSPI for Low Speed Pre-Ignition generates very high pressure peaks in the combustion chamber that can lead to piston damages and ultimately to engine destruction. The API SP standard now fully covers this LSPI requirement in order to perfectly protect direct injection turbocharged gasoline engines.

MOTUL 6100 SAVE-nergy 5W-30 provides outstanding lubricating properties such as wear protection and high temperature resistance for better controlled oil consumption along with up to 10% fuel economy during start up and short journeys

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

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around town (compare to a 15W-40 reference oil).

Environment friendly, this type of oil allows fuel consumption reduction and therefore minimises green house gases (CO<sub>2</sub>) emissions.

### RECOMMENDATIONS

Drain interval: according to manufacturer's recommendations and tune to your own use.

MOTUL 6100 SAVE-nergy 5W-30 can be mixed with synthetic or mineral oils.

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)	SAE J 300	0.856
Viscosity at 40°C (104°F)	ASTM D445	67.2 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	11.2 mm <sup>2</sup> /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.4 mPa.s
Viscosity Index	ASTM D2270	160.0
Pour point	ASTM D97	-45.0 °C / -49.0 °F
Sulfated Ash	ASTM D874	% weight 1.32
TBN	ASTM D2896	10.4 mg KOH/g
Flash point	ASTM D92	226.0 °C / 439.0 °F

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