



## MOTUL X-TECH LITE SAE 5W-30

**Fuel Economy Gasoline engine lubricant  
100% Synthetic**

### TYPE OF USE

100% Synthetic Fuel Economy engine oil specially formulated for recent gasoline engines, naturally aspirated or turbocharged, indirect or direct injection, designed to use engine oil with low friction and low HTHS (High Temperature High Shear) viscosity ( $\geq 2.9$  mPa.s).

Suitable for modern gasoline engines requiring a viscosity grade 30 and fuel economy lubricant (API SP-RC, API SP and/or ILSAC GF-6A standards).

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	API PERFORMANCE SP-RC ILSAC GF-6a
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RECOMMENDATIONS	CHRYSLER, DODGE, FIAT, FORD, GENERAL MOTORS, HYUNDAI, INFINITI, JEEP, KIA, LEXUS, MAZDA, MITSUBISHI, NISSAN, SUBARU, SUZUKI, TOYOTA
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The API SP standard is fully backward compatible over API SN standard and all former API standards.

The API SP-RC "Resource Conserving" specification is even more demanding on the energy saving requirements.

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.

Besides being backward compatible, compare to API SN and API SN Plus, the API SP standard provides higher performance and especially adds protection against LSPI for downsized direct injection turbocharged gasoline engines.

Based on the API SP specification, the ILSAC GF-6A standard is even more severe especially on the Fuel Economy benefits performance. The requirements on the low viscosity "Fuel Economy" side of the lubricant, but also extended drain intervals, pistons/rings cleanliness, seals compatibility and reduced content of Phosphorus for after treatment systems compatibility are enhanced. The ILSAC GF-6A specification ensures perfect engine protection when gasoline containing up to 85% Ethanol is used (E85).

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

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

MOTUL - 119 Bd Félix Faure - 93303 - Aubervilliers Cedex - BP 94 - FRANCE - Tel: 33 1 48 11 70 00 - Fax: 33 1 48 33 28 79 - www.motul.com

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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 resembles metallic noise from combustion chambers and is sometimes associated with a short power loss.

This phenomenon called LSPI for Low Speed Pre-Ignition, or also Rumble, generates very high pressure peaks in the combustion chamber that can lead to piston damages and ultimately to engine destruction. Likewise, the API SP standard now fully covers this LSPI requirement in order to perfectly protect direct injection turbocharged gasoline engines.

MOTUL X-TECH lite 5W-30 provides high lubricating properties such as wear protection and high temperature resistance for better controlled oil consumption, improves oil flow at start up for faster oil pressure build up, faster rev raisings, faster operating temperature reach and fuel economy benefits.

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

**RECOMMENDATIONS**

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

MOTUL X-TECH lite 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)	ASTM D1298	0.846
Viscosity at 40°C (104°F)	ASTM D445	60.9 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	10.4 mm <sup>2</sup> /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.1 mPa.s
Viscosity Index	ASTM D2270	160.0
Pour point	ASTM D97	-45.0 °C / -49.0 °F
Sulfated Ash	ASTM D874	0.72 % weight

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TBN	ASTM D2896	7.2 mg KOH/g
Flash point	ASTM D92	236.0 °C / 457.0 °F