



6100 SAVE-nergy 5W-30



Fuel Economy Gasoline and Diesel lubricant

Technosynthese®

TYPE OF USE

Advanced High Performance Technosynthese® Fuel Economy lubricant, particularly recommended for FORD and JLR – Jaguar Land Rover, as well as FIAT.

Specially designed for recent vehicles powered by Gasoline and Diesel 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 new technology engines powered with Diesel or Gasoline engines requiring fuel economy lubricants: ACEA A1/B1 or A5/B5 standards. Compatible with catalytic converters.

Suitable for all types of fuels: leaded or unleaded Gasoline, Ethanol, LPG, Diesel and bio-fuels.

May be unsuitable for some engines. Before use always refer to the owner manual or handbook of the vehicle.

PERFORMANCES

STANDARDS	ACEA A5 / B5 API SERVICE SL
APPROVALS	FORD WSS M2C 913-D JAGUAR LAND ROVER STJLR.03.5003
PERFORMANCES	FIAT 9.55535-G1

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. 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 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 (CO₂) emissions.

Specially developed in order to meet the most recent technical requirements for FORD Gasoline and Diesel engines when a lubricant satisfying FORD WSS M2C 913-D is required. The FORD WSS M2C 913-D standard allows fully backward compatibility over previous FORD WSS M2C 913-A, 913-B and 913-C specifications.

The JLR « 03.5003 » standard mirrors FORD WSS M2C 913-C specification and covers some of Gasoline and Diesel engines from JAGUAR and LAND ROVER range.

Combined to ACEA A5/B5 performance for lubricant, MOTUL 6100 SAVE-nergy 5W-30 provides real energy conserving performance (up to 3% additional fuel economy) in order to meet FORD and JLR commitment for CO₂ reduction.

The 913-D specification requires also an extra high oil film resistance for the lubricant to guarantee the viscosity capability over the whole oil drain interval. This characteristic is even more important in the current sustainability context and use of bio fuels such as biodiesel. MOTUL 6100 SAVE-nergy 5W-30 guarantees outstanding lubricating properties such as wear resistance when using biodiesel at a mix ratio of 7% (Biodiesel - B7).

The FIAT 9.55535-G1 performance level requires the lubricant to be both ACEA A5 / B5, API SL, synthetic and 5W-30 viscosity grade, in order to perfectly lubricate some FIAT and JEEP Gasoline engines.

RECOMENDATIONS

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)	ASTM D1298	0.845
Viscosity at 40°C (104°F)	ASTM D445	57.1 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	10.2 mm ² /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.2 mPa.s
Viscosity Index	ASTM D2270	168
Pour point	ASTM D97	-34°C / -29°F
Flash point	ASTM D92	224°C / 453°F
Sulfated ash	ASTM D874	1.1 % weight
TBN	ASTM D2896	10.3 mg KOH/g