



MOTUL 8100 ECO-CLEAN+ 5W-30



Gasoline & Diesel oil for Euro 4, 5 and 6 engines
Synthetic Technology

TYPE OF USE

Synthetic technology high performance fuel economy engine oil specially designed for OEMs requiring low friction, low HTHS and low SAPS oils. Suitable for latest generation gasoline and diesel engines, EURO IV & EURO V emission regulation compliant. Compatible with catalytic converters and Diesel Particulate Filters (DPF).

PERFORMANCES

STANDARDS	ACEA C1
APPROVALS	FORD WSS-M2C934-B JAGUAR LAND ROVER STJLR.03.5005
PERFORMANCES	JALOS DL-1
RECOMMENDATIONS	MAZDA

Engines compliant with Euro 4, 5 and 6 emission regulations 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.

JLR - Jaguar and Land Rover, have introduced their own engine oil specifications under the **STJLR** banner and the FORD WSS-M2C934-B specification has now been morphed for Jaguar and Land Rover into the specification STJLR.03.5005.

The STJLR.03.5005 specification requires high level of oil film resistance, anti-oxidation, anti-wear and detergent/dispersant properties from the lubricant as well as a significant fuel economy performance: at least 3.0% Fuel Economy improvement versus a 15W-40 reference oil.

The STJLR.03.5005 specification applies to all JAGUAR and LAND ROVER latest generation of 2.2L TD4, 3.0L V6 Diesel engines with DPF produced from MY2012 and whenever the specification FORD WSS-M2C934-B is required from MY2006.

MAZDA recommendations require to use an approved JASO DL-1 or ACEA C1 lubricant in order to guarantee Fuel Economy benefits and a perfect durability for most of their recent Diesel with DPF engines from MY2005. For Mazda SKYACTIV-D 2.2L engines from MY2012 the specification ACEA C3 in viscosity grades 0W-30 or 5W-30 is required, the product MOTUL 8100 X-clean FE 5W-30 is to be recommended.

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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ACEA C1 lubricants are environment friendly and reduce fuel consumption, minimizing green house gases (CO₂) emission and also achieve extended drain intervals managed by vehicles on-board computer.

RECOMMENDATIONS

Drain interval: according to manufacturers' recommendations and tune to your own use.
Do not mix with non ACEA C1 compliant lubricants.
Before use always refer to the owner manual of the vehicle.

PROPERTIES

Viscosity grade	SAE J 300	5W-30
Density at 20°C (68°F)		0.849
	ASTM D445	56.7 mm ² /s
Viscosity at 40°C (104°F)		
	ASTM D445	10.1 mm ² /s
Viscosity at 100°C (212°F)		
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.2 mPa.s
	ASTM D2270	167.0
Viscosity Index		
	ASTM D97	-39.0 °C / -38.0 °F
Pour point		
Sulfated Ash	ASTM D874	% weight
		0.43
TBN	ASTM D2896	4.8 mg KOH/g
Flash point	ASTM D92	232.0 °C / 450.0 °F

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