



MOTUL SPECIFIC 948B 5W-20



Gasoline engine oil – FORD
Synthetic Technology

TYPE OF USE

High Performance synthetic technology **Fuel Economy** Engine Oil specially designed for FORD and OEMs requiring a low friction and very low HTHS (High Temperature High Shear) viscosity oil (≥ 2.6 & < 2.9 mPa.s): FORD, JAGUAR, LAND ROVER, CHRYSLER, JEEP, ...

Specially designed for the latest generation cars, powered by Gasoline and Diesel engines, naturally aspirated or turbo-charged, direct or indirect injection. For vehicles that are Euro 4, 5 or 6 emission regulation compliant and requiring an ACEA C5 engine oil i.e. very low HTHS (≥ 2.6 & < 2.9 mPa.s) viscosity and "Mid SAPS" with reduced content of Sulfated Ash ($\leq 0.8\%$), Phosphorus ($0.07 \leq x \leq 0.09\%$) and Sulfur ($\leq 0.3\%$).

Suitable also for Gasoline engines requiring a 5W-20 viscosity grade Fuel Economy lubricant type with ACEA A1 / B1, ACEA C5 or API SN standards.

Compatible with catalytic converters.

Suitable for all types of gasolines and biofuels.

Before use always refer to the owner manual of the vehicle.

PERFORMANCES

STANDARDS ACEA C5
API PERFORMANCE SN

APPROVALS FORD WSS-M2C948-B (Compatible 913 A, 913 B, 913 C, 925 A & 925 B)
JAGUAR LAND ROVER STJLR.03.5004

This Synthese-Technologie engine oil is formulated to lubricate perfectly the latest generation of FORD Gasoline engines, except Ford Ka 2009 (08/2008) requiring 917 A, Ford Focus ST 2.5L Duratec (2004) requiring 913 D, Ford Focus RS (2004) requiring 937 A, and also 1.3L, 1.6L and 1.8L Duratec engines requiring 913 D.

The specification FORD WSS-M2C 948-B is especially required for the 1.0L EcoBoost 3-cylinder Gasoline engines, but it is also fully compatible with the other FORD Gasoline engines, apart from exceptions. Therefore, specification FORD WSS M2C 948 B covers most Gasoline engines currently requiring specifications FORD WSS-M2C913-A, 913-B, 913-C, or 925-A, 925-B as for JAGUAR and LAND ROVER.

For these JAGUAR and LAND ROVER engines requiring previously FORD WSS-M2C925-A or 925-B standards, the specification STJLR.03.5004 now applies as a replacement. STJLR.03.5004 covers most of JAGUAR LAND ROVER Gasoline engines except for V6 and V8 supercharged.

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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By combining ACEA C5 and API SN standards for lubricants, MOTUL SPECIFIC 948 B 5W-20 provides significant energy savings (>3.3%) while maintaining, and even exceeding in some cases, robustness requirements of 913-C. This improved fuel economy and low emissions performance meet these OEMs requirements for CO₂ emissions reductions.

MOTUL SPECIFIC 948 B 5W-20 delivers outstanding oil film resistance, while facilitating cold start, reducing friction in the engine, maintaining the oil pressure and lowering engine operating temperatures.

Through its exceptional lubricating properties, MOTUL SPECIFIC 948 B 5W-20 provides high level of wear resistance, high temperature resistance and oxidation resistance. It reduces the formation of deposits, reduces wear and enables perfect control of oil consumption.

Anti-wear, Anti-corrosion, Anti-foam properties.

RECOMMENDATIONS

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

MOTUL SPECIFIC 948 B 5W-20 can be mixed with synthetic or mineral oils.

Before use always refer to the owner manual of the vehicle.

PROPERTIES

Viscosity grade	SAE J 300	5W-20
Density at 20°C (68°F)		0.847
	ASTM D445	46.1 mm ² /s
Viscosity at 40°C (104°F)		
	ASTM D445	8.2 mm ² /s
Viscosity at 100°C (212°F)		
HTHS viscosity at 150°C (302°F)	ASTM D4741	2.6 mPa.s
	ASTM D2270	153.0
Viscosity Index		
	ASTM D97	-39.0 °C / -38.0 °F
Pour point		

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Sulfated Ash	ASTM D874	% weight
		0.80
TBN	ASTM D2896	8.0 mg KOH/g
Flash point	ASTM D92	228.0 °C / 442.0 °F

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06/24

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