



MAGMA

SYN FD



DESCRIPTION

MAGMA SYN FD is a fully synthetic, extreme fuel economy oil, designed to provide, at the same time, ultimate performance, wear protection and fuel economy. The unique TriboACT® Formula additive system significantly reduces internal friction within the engine boosting fuel economy benefits by up to 3.5%, while the supreme flow characteristics minimize engine wear in the pistons and valve areas during cold starts up. It is specially designed for Ford EcoBoost petrol engines and other OEM engines requiring a SAE 5W-20 grade, low HTHS/high fuel economy oil exceeding ACEA C5 or API SN standards.

APPLICATIONS

MAGMA SYN FD delivers proven performance and low emission characteristics in particularly fuel-efficient, Euro 5-onward EcoBoost engine units. It is backwards compatible with previous Ford specs (WSS-M2C-913B, WSS-M2C-913C & WSS-M2C-925B). It is suitable for use in Ford's gasoline powertrains as well as for Jaguar, Land Rover, Chrysler-Jeep units requiring a low friction oil. Before use, always refer to the owner manual of the vehicle. It is highly recommended for Ford turbocharged 1.0L, 1.25L, 1.4L, 1.6Ti engines. MAGMA SYN FD is not suitable for Ford Ka, ST & RS models.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
100% synthetic oil.	Excellent low temperature properties; supreme lubricant flow properties that reduce pumping losses.
TriboACT® Formula engineered.	Strong anti-wear and anti-sludge protection; less wear than camshaft and tappet test limits.
Proven reduction of fuel consumption by up to 3.5%.	Low operation costs and reduced environmental impact; less CO ₂ emissions
ACEA C5-boosted formulation.	Optimal protection of after-treatment systems.

PHYSICAL-CHEMICAL CHARACTERISTICS

MAGMA SYN FD	METHOD	SAE 5W-20
Density at 15°C, g/cm ³	ASTM D1298	0,852
Dynamic viscosity, °C/cP	ASTM D5293	-30°C/4350
Viscosity, Kinematic (cSt) 100 ⁰ C	ASTM D445	8,5
Viscosity, Kinematic (cSt) 40 ⁰ C	ASTM D445	52
Viscosity index	ASTM D2270	163
Flash point, COC, °C	ASTM D92	225
Pour point, °C	ASTM D97	-39
TBN, mgKOH/g	ASTM D2896	8,1

The abovementioned characteristics represent mean values.

SPECIFICATIONS

API SN; ACEA C5; Ford WSS M2C-948B; Jaguar-Land Rover STJLR.03.5004
Level: ACEA A1/B1; API CF
Recommended (check manual): Ford (excl. KA, ST, RS models), Chrysler/Jeep

APPROVALS

API SN