

HIGHTEC SYNT RS SAE 5W-30 HC-FO

Extremely fuel-efficient, high-performance engine oil developed specifically for Ford models that require oil in conformity with WSS-M2C 913-C or 913-D.

Description

HIGHTEC SYNT RS SAE 5W-30 HC-FO is a specially developed engine oil for modern Ford Otto and diesel engines based on selected HC synthetic base oils. It meets the requirements of the Ford WSS-M2C 913-D engine oil specification.

Application

HIGHTEC SYNT RS SAE 5W-30 HC-FO meets the stringent requirements of the Ford WSS-M2C913-B specification for improved compatibility with biodiesel and diesel with high sulphur contents as well as better protection of the primary camshaft timing chain and compatibility with belt materials. It is completely backward compatible with the former WSS M2C913-A, 913-B and 913-C specifications and is mandatory for use in transit models with 2.2 L Duratorq TDCI (as of 04/2012) according to Ford.

Approvals

- Ford WSS-M2C913-D
- Jaguar Land Rover STJLR.03.5003

The quality of this product is equivalent to EU regulations

- ACEA A1/B1,A5/B5
- API SN
- ILSAC GF-3/-4
- Ford WSS-M2C913-A/-B/-C
- Renault RN 0700

Additionally this product is recommended when the following filling instructions are required

- API CF
- Iveco 18-1811 S1

Benefits

- Special formulation to improve fuel efficiency and reduce CO2 emissions
- Fuel savings of up to 3% (CEC L-054-96)
- Improved grime absorbability
- Very good resistance to biodiesel (B7) and diesel with a high sulphur content
- Good compatibility with seal and belt materials.
- Very good cold-starting properties and rapid engine lubrication
- Completely backward compatible with the former specifications WSS M2C913-A, 913-B and 913-C
- Highest oxidation stability due to special HC synthetic oils
- Safer year-round operation due to outstanding viscosity-temperature behaviour and high shear stability
- Low oil consumption due to a very low evaporation loss
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of HIGHTEC SYNT RS SAE 5W-30 HC-FO, a complete oil change is recommended.



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Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.848
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	67
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	10,1
Viscosity index	ASTM D-7042	-	165
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	236
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-33
CCS	ASTM D-5293	cP @ °C	5200 @ -30
Total base number	DIN 51639-1	mgKOH/g	10,1
HTHS	ASTM D4683	mPas	2,9

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe-oil.com).

