

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

Equivalent quality in accordance with EU-law as per

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

This product is also recommended when the following filling instructions are required

- API CF
- Iveco 18-1811 S1
- Jaguar Land Rover STJLR.03.5003

Advantages

- 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.



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.852
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	10,1
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	67
Viscosity index	ASTM D2270	-	135
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

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

