

HIGHTEC SYNT RS SAE 5W-30 HC-C1

Extremely fuel-efficient, high-performance engine oil developed specifically for vehicles with exhaust after-treatment systems, Diesel Particulate Filters (DPF) and turbocharging.

Description

HIGHTEC SYNT RS SAE 5W-30 HC-C1 is a specially developed engine oil for modern Otto and diesel engines based on selected HC synthetic base oils. It meets the requirements of the ACEA C1 specification with a very low sulphate ash content (SA) and reduced HTHS (High Temperature High Shear) viscosity.

Application

HIGHTEC SYNT RS SAE 5W-30 HC-C1 protects the particulate filter due to a very low sulphate ash content and provides a great fuel saving potential by means of extremely low-viscosity characteristics and reduced HTHS viscosity at the same time. HIGHTEC SYNT RS SAE 5W-30 HC-C1 is used in Otto and diesel engines, with or without turbocharging and diesel particulate filters, according to the manufacturer's specification.

Approvals

- Jaguar Land Rover STJLR.03.5005

The quality of this product is equivalent to EU regulations

- ACEA C1

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

- Ford WSS-M2C934-B
- Mazda

Benefits

- Fuel savings of up to 3% (CEC L-054-96)
- The low sulphated ash, low phosphorus and sulphur content protects diesel particulate filters and catalytic converters
- Very good cold-starting properties and rapid engine lubrication
- Eminently suitable for turbocharged engines
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers in a reliable manner
- Safer year-round operation due to outstanding viscosity-temperature behaviour and high shear stability
- Stable lubricating film, even with hot oil and under excessive loads
- High level of oxidation protection by means of selected HC synthetic oils and special additives
- Reliable protection against 'black sludge'
- Low oil consumption due to a 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-C1, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.849
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	53,5
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	10,0
Viscosity index	ASTM D-7042	-	176
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	238
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-36
CCS	ASTM D-5293	cP @ °C	4050 @ -30
Total base number	DIN 51639-1	mgKOH/g	6,2

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).

