

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

Equivalent quality in accordance with EU-law as per

- ACEA C1

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

- Ford WSS-M2C934-B
- Mazda

Advantages

- 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 100	ASTM D-7042	mm ² /s	10,0
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	53,5
Viscosity index	ASTM D2270	-	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

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).

