PRODUCT INFORMATION

ROWE®

HIGHTEC SYNT RS SAE 0W-30 HC-C2

Extremely fuel efficient, high performance engine oil with lowered cold viscosity, especially developed for vehicles with exhaust after-treatment devices, diesel particle filters (DPF) and turbocharging.

Description

HIGHTEC SYNT RS SAE 0W-30 HC-C2 is an engine oil especially developed for modern petrol and diesel engines made from selected HC synthesis base oils and fully synthetic PAOs (polyalphaolefins). It complies with requirements like those of the ACEA C2 specification, with low sulphate ash content and lowered HTHS (high temperature high shear) viscosity.

Application

HIGHTEC SYNT RS SAE 0W-30 HC-C2 protects the particle filter thanks to a reduced sulphate ash content while offering extremely high fuel savings potential through excellent low friction characteristic and lowered HTHS and cold viscosity. HIGHTEC SYNT RS SAE 0W-30 HC-C2 is used according to the manufacturer's specifications in vehicles with petrol and diesel engines with and without turbocharger and diesel particle filter.

The quality of this product is equivalent to EU regulations

- ACEA C2
- PSA B71 2312

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

- Fiat 9.55535-DS1/GS1
- Iveco 18-1811 SC1 LV

Benefits

- Up to 2.5% fuel savings (CEC L-054-96)
- Low sulphate ash and low phosphorous and sulphur content protect diesel particle filters and catalytic converters
- Outstanding cold-start properties and fast engine oiling even at the lowest outside temperatures
- Ideally suitable for turbocharged engines
- Reliably prevents the adhesion, varnishing and carbonisation of cylinders, pistons, valves and turbochargers
- Safe year-round operation through outstanding viscosity-temperature behaviour and high shear stability
- Stable lubricating film even with hot oil and extreme stress
- Excellent oxidation protection owing to a combination of fully synthetic PAOs (poly-alphaolefins), HC synthesis oils and special additives
- Reliable protection against 'black sludge'
- Low oil consumption owing to low evaporation loss
- Miscible and compatible with conventional and synthetic engine oils. However, to take full advantage of the product benefits of HIGHTEC SYNT RS SAE 0W-30 HC-C2, we recommend a full oil change.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.846
Kinematic viscosity KV 40	ASTM D-7042	mm^2/s	53
Kinematic viscosity KV 100	ASTM D-7042	mm^2/s	10
Viscosity index	ASTM D-7042	-	178
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-39
CCS	ASTM D-5293	cP @ °C	5970 @ -35
Total base number	DIN 51639-1	mgKOH/g	7,1

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).

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