

## HIGHTEC SYNT RS SAE 5W-30 HC

Fuel economy, high-performance engine oil based on selected HC synthetic base oils. Developed specifically for engines that require an oil with reduced HTHS on Ford's request.

### Description

HIGHTEC SYNT RS SAE 5W-30 HC is a high-performance engine oil produced using HC synthetic oils and special additives. It meets the requirements of the Ford engine oil specifications mentioned below with reduced HTHS (High Temperature High Shear) viscosity.

### Application

HIGHTEC SYNT RS SAE 5W-30 HC has been developed specifically for Ford engines and is characterised by its special low viscosity characteristics. It is used for Otto and diesel engines from the Ford Group in accordance with the manufacturer's specification.

### The quality of this product is equivalent to EU regulations

- ILSAC GF-2
- Ford WSS-M2C912-A
- Ford WSS-M2C913-A/B

### Benefits

- It meets the requirements of the Ford engine oil specifications with reduced HTHS (High Temperature High Shear) viscosity
- Excellent cold-starting properties and quick engine lubrication
- High fuel economy is achieved by adjusting the viscosity
- 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'
- Proper functioning of hydraulic tappets (hydraulic valve clearance compensation)
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers in a reliable manner
- 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, a complete oil change is recommended.

### Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.8566
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	60,1
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	10,4
Viscosity index	ASTM D-7042	-	162
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	234
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-38
CCS	ASTM D-5293	cP @ °C	5400 @ -30
Total base number	DIN 51639-1	mgKOH/g	9,7

The characteristics shown are typical of current production. This data cannot be construed 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](http://www.rowe-oil.com)).

