

HIGHTEC SYNT RSi SAE 5W-40

Multi-functional, high-performance engine oil developed specifically for modern passenger cars equipped with Otto and diesel engines, with or without turbocharging.

Description

HIGHTEC SYNT RSi SAE 5W-40 is a high-performance engine oil produced using HC synthetic oils with a wide area of application. Its high level of performance is achieved through the interaction of selected base oils and advanced additives.

Application

HIGHTEC SYNT RSi SAE 5W-40 has been developed specifically to meet the needs of modern petrol and diesel vehicles. It is particularly suitable for vehicles equipped with Otto and diesel engines, with or without turbocharging, and is used for vehicles without an extended maintenance interval. Its modern design makes a wide range of applications possible and ensures safe operation under all operating conditions.

Approvals

- MB-Freigabe 229.3/226.5
- Porsche A40
- VW 502 00/505 00

The quality of this product is equivalent to EU regulations

- ACEA A3/B4
- API SN
- Renault RN 0700/0710

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

- API CF
- PSA B71 2296
- Opel GM-LL-B-025

Benefits

- First-class economy grade for multi-functional use in diesel and Otto engines from different manufacturers
- 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
- Good cold-starting properties and rapid engine lubrication
- 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)
- 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 RSi SAE 5W-40, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,85
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	86,0
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	14,2
Viscosity index	ASTM D-7042	-	174
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	236
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-36
CCS	ASTM D-5293	cP @ °C	6100 @ -30
Total base number	DIN 51639-1	mgKOH/g	10,1
Acid number	-	mgKOH/g	< 1
HTHS	ASTM D4683	mPas	4,0

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.com.de).

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20068 | 20.11.2019