

## HIGHTEC SYNT RS HC-D SAE 5W-40

High-performance engine oil for modern passenger cars equipped with Otto and diesel engines, with or without turbocharging. It guarantees the longest maintenance intervals, optimal cold-starting properties and best wear protection.

### Description

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

### Application

HIGHTEC SYNT RS HC-D SAE 5W-40 was developed specifically to meet the requirements of modern passenger car engines with extended maintenance intervals (WIV/LongLife Service). It is particularly suitable for vehicles equipped with Otto and diesel engines, with or without turbocharging, and is used for vehicles without particulate filter systems according to the manufacturer's specification. Its modern design makes a wide range of applications possible and ensures safe operation under all operating conditions.

### Approvals

- BMW Longlife-01
- MB-Freigabe 229.5
- Porsche A40
- VW 502 00/505 00

### Specifications

- ACEA A3/B4
- API SP
- MB 229.3/226.5
- PSA B71 2296
- Renault RN 0700/0710

### ROWE recommendations

- API CF
- Fiat 9.55535-H2/M2
- GM-LL-B-025

### Advantages

- Broad range of applications in petrol and diesel engines, with or without an extended maintenance interval
- Fuel economy due to low-viscosity characteristics
- Safe cold start, even at the lowest temperatures
- 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, and the best wear protection
- Eminently suitable for turbocharged engines
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers in a reliable manner
- It guarantees the longest service intervals according to the manufacturer's specification
- Very low oil consumption due to a very low evaporation loss
- High oxidation stability due to selected HC synthetic oils and special additives
- Reliable protection against corrosion and black sludge
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of HIGHTEC SYNT RS HC-D SAE 5W-40, a complete oil change is recommended.

ROWE MINERALÖLWERK GMBH  
Langgewann 101, D-67547 Worms



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## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.853
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	14,4
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	88,8
Viscosity index	ASTM D2270	-	170
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	223
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-36
CCS	ASTM D-5293	cP @ °C	6200 @ -30
Total base number	DIN 51639-1	mgKOH/g	11
HTHS	ASTM D4683	mPas	4,0

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](http://www.rowe-oil.com)).

