

## HIGHTEC SUPER LEICHTLAUF HC-O SAE 10W-40

Low viscosity engine oil of viscosity grade SAE 10W-40 based on HC synthetic base oils.

### Description

HIGHTEC SUPER LEICHTLAUF HC-O SAE 10W-40 is a high-performance engine oil of SAE grade 10W-40 produced using HC synthetic oil. Its high level of performance is achieved through the interaction of selected base oils and advanced additives. Eminently suited to Otto and diesel engines, with or without turbocharging.

### Application

HIGHTEC SUPER LEICHTLAUF HC-O SAE 10W-40 is particularly suitable for vehicles equipped with Otto and diesel engines, with or without turbocharging. It is used in vehicles without an extended maintenance interval. The modern design of HIGHTEC SUPER LEICHTLAUF HC-O SAE 10W-40 makes a wide range of applications possible and ensures safe operation under all operating conditions.

### Approvals

- MB-Freigabe 229.3
- VW 501 01/505 00

### Equivalent quality in accordance with EU-law as per

- ACEA A3/B4
- API SN
- MB 226.5
- PSA B71 2300
- Renault RN 0700/0710

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

- API CF
- Fiat 9.55535-G2/D2
- MB 229.1
- VW 500 00

### Advantages

- 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
- Very low oil consumption
- 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)
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full benefits of the product HIGHTEC SUPER LEICHTLAUF HC-O SAE 10W-40, a complete oil change is recommended.



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.862
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	14,2
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	93,0
Viscosity index	ASTM D2270	-	160
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	220
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-33
CCS	ASTM D-5293	cP @ °C	5300 @ -25
Total base number	DIN 51639-1	mgKOH/g	10,3
HTHS	ASTM D4683	mPas	4,1
Acid number		mgKOH/g	< 1

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)).

