

HIGHTEC FORMULA SUPER SAE 15W-40

Multigrade engine oil of viscosity grade SAE 15W-40.

Description

HIGHTEC FORMULA SUPER SAE 15W-40 is a multigrade engine oil of SAE grade 15W-40 produced using selected base oils. Ideally suitable for Otto and diesel engines, with or without turbocharging.

Application

HIGHTEC FORMULA SUPER SAE 15W-40 is used in Otto and diesel engines, with or without turbocharging, according to the manufacturer's specification. It is not suitable for use in modern TDI or Common Rail diesel vehicles.

Approvals

- MB-Freigabe 228.1

The quality of this product is equivalent to EU regulations

- ACEA A2/B2/E2
- API CF-4/SG
- Mack EO/K2
- MAN 271
- Volvo VDS

Benefits

- Eminently suitable for turbocharged engines
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers
- Suitable for use throughout the year with good viscosity-temperature behaviour and high shear stability
- Stable lubricating film, even with hot oil and under high loads
- High level of oxidation protection by means of selected base oils
- 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 product benefits of HIGHTEC FORMULA SUPER SAE 15W-40, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,874
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	102
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	14,2
Viscosity index	ASTM D-7042	-	142
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	232
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-30
CCS	ASTM D-5293	cP @ °C	5600 @ -20
Total base number	DIN 51639-1	mgKOH/g	8,5
HTHS	ASTM D4683	mPas	4,1
Sulphated ash	ASTM D874	wt-%	≤ 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.com.de).

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