PRODUCT INFORMATION

HIGHTEC XPERT II SAE 5W-40

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

Description

HIGHTEC XPERT II 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 the advanced additive composition.

Application

HIGHTEC XPERT II 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.

Specifications

- ACEA A3/B4
- API SN

ROWE recommendations

- API CF

Advantages

- 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 XPERT II 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	mm²/s	14,0
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	85,5
Viscosity index	ASTM D2270	-	172
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	230
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-33
CCS	ASTM D-5293	cP @ °C	6300 @ -30
Total base number	DIN 51639-1	mgKOH/g	10,2
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).

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