

HIGHTEC SYNT ASIA SAE 5W-20

Fuel-saving, high-performance engine oil, developed especially for vehicles of leading Asian car manufacturers.

Description

HIGHTEC SYNT ASIA SAE 5W-20 is an engine oil that is developed on the basis of high-quality, HC synthetic base oils. It is particularly suitable for modern, Asian passenger car petrol engines, both with and without turbocharging. Its SAE 5W-20 viscosity grade helps to achieve optimum fuel economy, thereby saving valuable fuel. HIGHTEC SYNT ASIA SAE 5W-20 also provides excellent wear and catalyst protection, while ensuring excellent engine and piston cleanliness. This high-performance engine oil satisfies API SP's strict LSPI requirements, thus providing optimum protection against unintended pre-ignition (LSPI - low speed pre-ignition).

Application

In accordance with the manufacturer's specifications, HIGHTEC SYNT ASIA SAE 5W-20 is used in modern petrol engines, especially those of Asian manufacturers - both in conventional petrol and hybrid vehicles. HIGHTEC SYNT ASIA SAE 5W-20 ensures clean pistons and engines, prevents deposits in turbochargers as well as sludge formation and corrosion.

Equivalent quality in accordance with EU-law as per

- API SP RC/SN PLUS RC (Resource Conserving)
- ILSAC GF-5/6A

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

- Hyundai
- Kia
- Mazda
- Mitsubishi
- Toyota

Advantages

- first-class rationalisation product, with multifunctional use in many vehicle models, especially by Asian manufacturers
- outstanding LSPI performance provides protection against unwanted premature ignition
- very good resistance in ethanol operation (E85) - protects against corrosion and sludge formation
- prevents deposits in the engine and turbocharger. As a result: excellent operational reliability and low maintenance costs.
- rapid engine oiling and good cold-starting properties.
- miscible and compatible with conventional as well as synthetic engine oils. However, to reap the full product benefits of HIGHTEC SYNT ASIA SAE 5W-20, we recommend a complete oil change.



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.844
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	9
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	50,7
Viscosity index	ASTM D2270	-	159
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	225
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-36
CCS	ASTM D-5293	cP @ °C	4600 @ -30
Total base number	DIN 51639-1	mgKOH/g	7,4
HTHS	ASTM D4683	mPas	2,9

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).

