

## 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.

### The quality of this product is equivalent to EU regulations

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

### Additionally this product is recommended when the following filling instructions are required

- Hyundai
- Kia
- Mazda
- Mitsubishi
- Toyota

### Benefits

- 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 40	ASTM D-7042	mm <sup>2</sup> /s	50,6
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	9,1
Viscosity index	ASTM D-7042	-	163
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	222
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-36
CCS	ASTM D-5293	cP @ °C	4260 @ -30
Total base number	DIN 51639-1	mgKOH/g	8,4
HTHS	ASTM D4683	mPas	2,7

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

