

HIGHTEC SYNTH RS SAE 10W-60

Fully synthetic, high-performance engine oil with optimised temperature-viscosity behaviour. Developed specifically for modern and sporty passenger cars equipped with Otto or diesel engines, with or without turbocharging.

Description

HIGHTEC SYNTH RS SAE 10W-60 is a high-performance engine oil with an optimal viscosity produced using fully synthetic poly-alpha-olefins (PAO).

Its high level of performance is achieved through the interaction of these fully synthetic base oils with their naturally high viscosity index (VI) and the advanced additives.

Application

HIGHTEC SYNTH RS SAE 10W-60 exhibits a very good cold-start behaviour and fast lubrication at the lowest temperatures. At the same time, it provides a stable lubricating film for safe wear protection, even with hot oil and under excessive loads. HIGHTEC SYNTH RS SAE 10W-60 has been developed to meet the needs of modern petrol and diesel engines. It is especially recommended for a sporty driving style and when used at full power, as well as during severe weather conditions.

The quality of this product is equivalent to EU regulations

- ACEA A3/B4
- API SN

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

- API CF
- BMW 83 12 0 029 683
- Fiat 9.55535-H3

Benefits

- Safe cold start and quick lubrication of the engine, even at low temperatures
- 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, and the best wear protection
- The fully synthetic PAO base oils and the most advanced additives provide the highest oxidation stability
- Eminently suitable for turbocharged engines
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers in a reliable manner
- Reliable protection against 'black sludge'
- 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 SYNTH RS SAE 10W-60, a complete oil change is recommended.

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.853
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	165,5
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	25,0
Viscosity index	ASTM D-7042	-	186
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	240
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-35
CCS	ASTM D-5293	cP @ °C	3750 @ -25
Total base number	DIN 51639-1	mgKOH/g	10,0
HTHS	ASTM D4683	mPas	5,7

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