

HIGHTEC MULTI FORMULA SAE 0W-20

Multigrade engine oil based on HC synthesis for passenger car gasoline and diesel engines including particle filters.

Description

HIGHTEC MULTI FORMULA SAE 0W-20 is an engine oil specially developed for modern passenger car gasoline, diesel and hybrid engines, based on selected HC synthetic base oils. The optimal selection of the base oils and the modern additives results in the outstanding performance level of the HIGHTEC MULTI FORMULA SAE 0W-20 and provides excellent protection for the engine against wear. With its lower HTHS viscosity, it also helps to save fuel and also ensures long-lasting engine cleanliness.



Application

HIGHTEC MULTI FORMULA SAE 0W-20 is used in modern passenger car gasoline, diesel and hybrid engines with exhaust gas aftertreatment systems and extended oil drain intervals. Fulfilling many manufacturer specifications, it can be used as a rationalization product in the area of SAE 0W-20 engine oils. The reduced sulphate ash content protects the particle filter and thus prevents costly repairs.

Equivalent quality in accordance with EU-law as per

- ACEA C5/C6
- API SP/SN PLUS
- Ford WSS-M2C952-A1
- GM dexos D
- Jaguar Land Rover STJLR.03.5006
- MB 229.71
- Opel/Vauxhall OV 040 1547-A20

Advantages

- Excellent rationalization product
- Special formulation for improved fuel efficiency and reduced CO2 emissions
- Suitable for hybrid engines (micro, mild, full and plug-in hybrids)
- Highest wear protection and stable lubricating film even with hot oil and under extreme loads
- Best cold start properties and fastest engine lubrication thanks to SAE viscosity class 0W-20
- Reliably prevents clogging, varnishing and coking of cylinders, pistons, valves and turbochargers
- Low oil consumption due to very low evaporation loss
- Future-proof additive technology for future engine generations
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of HIGHTEC MULTI FORMULA SAE 0W-20, a complete oil change is recommended.



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,85
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	8,34
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	41,5
Viscosity index	ASTM D2270	-	182
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	229
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-33
CCS	ASTM D-5293	cP @ °C	5450 @ -35
Total base number	DIN 51639-1	mgKOH/g	9,5
HTHS	ASTM D4683	mPas	2,65

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).

