

HIGHTEC MULTI SYNT DPF SAE 5W-30

High-performance engine oil developed specifically as an economy grade product for BMW, Mercedes-Benz and VW with exhaust after-treatment, turbocharging and extended maintenance intervals (WIV/LongLife Service).

Description

HIGHTEC MULTI SYNT DPF SAE 5W-30 has been developed specifically for passenger car Otto and diesel engines with exhaust after-treatment (Diesel Particulate Filters = DPF), turbocharging and extended maintenance intervals (WIV/LongLife Service). It is based on a special composition made of HC synthetic oils and fully synthetic poly-alpha-olefins (PAO) in conjunction with the most advanced additive technology with low ash content.



Application

HIGHTEC MULTI SYNT DPF SAE 5W-30 can be used in vehicles with petrol and diesel engines in accordance with the manufacturer's specifications. In BMW vehicles, it is backward compatible with former specifications such as BMW LongLife-01/98. It can be used within the VW Group as an economy grade product in nearly all petrol and diesel models with or without LongLife Service.

Approvals

- MB-Freigabe 229.51/229.31
- VW 504 00/507 00

The quality of this product is equivalent to EU regulations

- ACEA C3
- API SN
- Porsche C30

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

- API CF
- BMW Longlife-04

Benefits

- First-class economy grade for multi-functional use in diesel and Otto engines from different manufacturers
- The low sulphated ash, low phosphorus and sulphur content protects diesel particulate filters and catalytic converters
- It guarantees the longest service intervals of up to 50,000 km (dependent on the model/pay attention to the maintenance computer)
- Fuel economy due to low-viscosity characteristics
- Highest oxidation stability due to a special base oil composition made of HC synthetic and fully synthetic PAO base oils
- 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
- Reliable protection against corrosion and 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 MULTI SYNT DPF SAE 5W-30, a complete oil change is recommended.



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Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.85
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	70
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	12
Viscosity index	ASTM D-7042	-	169
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	236
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-39
CCS	ASTM D-5293	cP @ °C	6000 @ -30
Total base number	DIN 51639-1	mgKOH/g	6,3
HTHS	ASTM D4683	mPas	3,51

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.com.de).

