

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

- BMW Longlife-04
- MB-Freigabe 229.51/229.31
- VW 504 00/507 00

The quality of this product is equivalent to EU regulations

- ACEA C3
- API SP
- MB 229.52
- Porsche C30

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

- API CF
- GM dexos2

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	71
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	12,2
Viscosity index	ASTM D-7042	-	170
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	235
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-39
CCS	ASTM D-5293	cP @ °C	5700 @ -30
Total base number	DIN 51639-1	mgKOH/g	8,2
HTHS	ASTM D4683	mPas	3,51

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