

## HIGHTEC MULTI SYNT DPF SAE 0W-30

Synthetic, high performance engine oil, developed specifically for modern engine concepts with exhaust after-treatment, turbo-charging and extended maintenance intervals, as used for example in many VW vehicles.

### Description

HIGHTEC MULTI SYNT DPF SAE 0W-30 has been developed specifically for modern passenger car gasoline- and diesel engines with exhaust after-treatment (Diesel Particulate Filters = DPF), turbo-charging and extended maintenance intervals. Selected, fully synthetic PAO base oils (poly-alpha-olefins) are combined with the most advanced additive technology with low ash content and HC synthetic oils. The optimised viscosity grade guarantees outstanding wear protection even at very low external temperatures.

### Application

HIGHTEC MULTI SYNT DPF SAE 0W-30 can be used in vehicles with petrol and diesel engines in accordance with the manufacturer's specifications. 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 229.52
- VW 504 00/507 00

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

- ACEA C3
- BMW Longlife-04
- Porsche C30

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

- VW 503 00/506 00

### Benefits

- First-class economy grade for multi-functional use in diesel and gasoline engines
- 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 high proportion of 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 0W-30, a complete oil change is recommended.

### Typical characteristics

| Property                   | Method                      | Unit               | Value      |
|----------------------------|-----------------------------|--------------------|------------|
| Density at 15 °C           | ASTM D-7042                 | g/ml               | 0.843      |
| Kinematic viscosity KV 40  | ASTM D-7042                 | mm <sup>2</sup> /s | 60,0       |
| Kinematic viscosity KV 100 | ASTM D-7042                 | mm <sup>2</sup> /s | 11,8       |
| Viscosity index            | ASTM D-7042                 | -                  | 197        |
| Flash point                | ASTM D-92 / DIN EN ISO 2592 | °C                 | 234        |
| Pour point                 | ASTM D-97 / DIN EN ISO 3016 | °C                 | -39        |
| CCS                        | ASTM D-5293                 | cP @ °C            | 5800 @ -35 |
| Total base number          | DIN 51639-1                 | mgKOH/g            | 8,0        |
| HTHS                       | ASTM D4683                  | mPas               | 3,6        |

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