

MITANOL Turbo 5W-30 Advance+ LA

HC-synthetic high-performance low viscosity engine oil

Properties

MITANOL Turbo 5W-30 Advance+ LA is an HC-synthetic high-performance low viscosity efficient engine oil for commercial vehicles with a strongly reduced content of sulphated ash, phosphorus and sulphur (Low SAPS). The use of high performance additives ensures excellent oxidation and high temperature stability. A good dispersing capacity and the associated piston cleanliness prevent deposits in the engine which could possibly lead to a reduction in performance. At very low external temperatures a safe cold start and fastest possible supply of all lubrication points is guaranteed. Extreme loads are safely controlled, friction losses and wear are reduced. Economic efficiency is significantly improved by low oil and fuel consumption as well as by longer service life of the units.

Application notes

MITANOL Turbo 5W-30 Advance+ LA was developed especially for the economic supply of exhaust-optimised engines with exhaust gas aftertreatment systems (Euro V and VI). Furthermore, it can be used in CNG engines without any problems. **MITANOL Turbo 5W-30 Advance+ LA** can be used all year round under all operating conditions, maintains the effectiveness of the exhaust gas treatment systems over very long running times and allows for extended oil change intervals.

Service description

Specifications:

- ACEA E6/E7/E9
- API CK-4 / SN
- JASO DH 2

Recommendations*:

- Caterpillar ECF-3
- Cummins CES 20086
- DAF Extende Drain
- DDC 93K222
- Deutz DQC IV-10 LA
- Mack EOS-4.5
- MAN M 3677 / 3477 / 3277 / 3271-1
- Iveco
- MB 228.51 / 228.31 / 226.9
- MTU Type 3.1
- Renault VI RLD-3 / RXD / RGD
- Scania LDF-4
- Voith Retarder Class B
- Volvo VDS-4.5

| TYPICAL PARAMETERS | METHODS | UNITS | MITANOL Turbo 5W-30 Advance+ LA |
|----------------------|------------------|--------------------|---------------------------------|
| Density at 15°C | DIN EN ISO 12185 | kg/m ³ | 851 |
| Viscosity 40°C | DIN 51 562 | mm ² /s | 71.85 |
| Viscosity 100°C | DIN 51 562 | mm ² /s | 12.29 |
| Viscosity index (VI) | DIN ISO 2909 | - | 170 |
| Pour point | DIN ISO 3016 | °C | -42 |
| Flash point COC | DIN ISO 2592 | °C | 236 |
| TBN | ASTM D 2896 | mg KOH/g | 10.0 |
| Sulphated ash | DIN 51 575 | mass. % | 0.89 |

* meets the requirements of the OEM manufacturer.
 The stated values may vary within the usual commercial range.

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