MITANOL Turbo 10W-40 Advance LA

High-performance low viscosity engine oil

Properties

MITANOL Turbo 10W-40 Advance LA is an HC-synthetic high-performance low viscosity engine oil for commercial vehicles with 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 drop 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 10W-40 Advance LA was developed especially for the economic supply of exhaust-optimised engines (Euro V and Euro VI) with exhaust gas after treatment systems.
MITANOL Turbo 10W-40 Advance LA can be used all year round and maintains the effectiveness of the exhaust gas treatment systems over very long running times.

Service description

Specifications:
- ACEA E7/E8/E11
- API CK-4

Recommendation*:
- CAT ECF-3
- Cummins CES 20086
- DAF HP-2
- DDC93K222
- Deutz DQC IV-18 LA
- JASO DH-2
- John Deere JDQ-78X
- MAN M 3775, M 3575
- MAN M 3271-1, M 3477
- Mack EOS-4.5
- MB 228.51
- MTU Type 3.1
- Renault Truck RXD/RGD
- Renault VI RLD-3
- Scania LA
- Volvo CNG
- Volvo VDS-4.5

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

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TYPICAL PARAMETERS	METHODS	UNITS	MITANOL Turbo 10W-40 Advance LA
Density at 15°C	DIN 51 757	kg/m³	857
Viscosity at 40°C	DIN 51 562	mm²/s	100
Viscosity at 100°C	DIN 51 562	mm²/s	15.4
Viscosity Index (VI)	DIN ISO 2909	-	163
Viscosity at -25°C	DIN 51 377	mPa.s	4550
Pour point	DIN ISO 3016	°C	-33
Flash point COC	DIN ISO 2592	°C	230
TBN	DIN ISO 3771	mg KOH/g	9.3
Sulphated ash	DIN 51 575	mass. %	0.96
Sulfur		mass. %	0.28
Phosphorus		mass. %	0.08

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