

ALPINE® Turbo ultra LA 5W-30

HC-synthetic high-performance low viscosity engine oil

Properties

ALPINE Turbo ultra LA 5W-30 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

ALPINE Turbo ultra LA 5W-30 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. **ALPINE Turbo ultra LA 5W-30** 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

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

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE Turbo ultra LA 5W-30
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

June 2020

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