

ALPINE® Turbo 15W-40

Universal high-performance engine oil

Properties

ALPINE Turbo 15W-40 is an all-season multigrade engine oil. Exhaust gas turbocharging and charge air cooling place considerably higher mechanical and thermal demands on engine oils. These more stringent operating conditions are safely mastered even with extended oil retention times. A reliable cold start at low external temperatures and full lubrication at high operating temperatures are ensured. The use of shear-stable active substances ensures compliance with SAE class 15W-40 during the entire oil change interval.

Application notes

Alpine Turbo 15W-40 is used in highly stressed commercial vehicle and car diesel engines, as well as in gasoline engines. Engine oils of this performance category are recommended with extended oil change intervals.

Service description

Specifications:

- ACEA E7
- ACEA A3/B4
- API CI-4 / SL

Approval:

- MB-Approval 228.3
- Volvo VDS-3
- Renault VI RLD-2
- Mack EO-N

Recommendation*:

- MB 229.1
- Cummins CES 20076 / 20077 / 20078
- MAN M 3275-1
- Mack EO-M Plus
- Renault Truck RLD / RLD-2
- Caterpillar ECF-1a / ECF-2
- MTU Typ 2
- JASO DH-1

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE Turbo 15W-40
Density at 15°C	DIN 51 757	kg/m ³	878
Viscosity 40°C	DIN 51 562	mm ² /s	103
Viscosity 100°C	DIN 51 562	mm ² /s	14
Viscosity index (VI)	DIN ISO 2909	-	138
Viscosity at -20°C	DIN 51 377	mPa.s	5500
Pour point	DIN ISO 3016	°C	-36
Flash point COC	DIN ISO 2592	°C	224
TBN	DIN ISO 3771	mg KOH/g	10.5

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