

ALPINE® Turbo 20W-50

Universal high-performance engine oil

Properties

ALPINE Turbo 20W-50 is an all-season multi-grade 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 20W-50 during the entire oil change interval.

Application notes

ALPINE Turbo 20W-50 is used in highly stressed commercial vehicle and car diesel engines as well as in petrol engines. Engine oils of this performance category are recommended with extended oil change intervals.

Service description

Specifications:

- ACEA E7, A3/B4
- API CI-4/SL
- JASO DH-1

Recommendation*:

- MB 228.3 / 229.1
- MAN 3275-1
- Volvo VDS-2
- Cummins CES 20076/77/78
- Deutz DQC II-10
- Detroit Diesel DDC 93K215

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE Turbo 20W-50
Density at 15°C	DIN EN ISO 12185	kg/m ³	882
Viscosity 40°C	DIN 51 562	mm ² /s	142
Viscosity 100°C	DIN 51 562	mm ² /s	17.8
Viscosity index (VI)	DIN ISO 2909	-	139
Viscosity at -15°C	DIN 51 377	mPa.s	9500
Pour point	DIN ISO 3016	°C	-36
Flash point COC	DIN ISO 2592	°C	>210
TBN	DIN ISO 3771	mg KOH/g	11

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