

ALPINE® Monograde SAE 30 SAE 40

High-performance monograde engine oil

Properties

- High-performance monograde engine oil
- High viscosity index
- High dirt holding capacity
- Stable lubricant film
- Excellent cleaning power
- High thermal stability
- Excellent wear and corrosion protection

Application notes

ALPINE Monograde is suitable for use in diesel and gasoline engines with and without turbocharging, such as

- Commercial vehicle diesel engines
- Stationary diesel engines
- Construction machinery and agricultural aggregates

In addition, it is used in hydraulic systems, hydraulic clutches, transmissions, torque converters and retarders, if an appropriate engine oil is prescribed by the manufacturer.

Service description

Specifications:

- ACEA E7
- API CI-4 / SL

Recommendations*:

- Allison C-4
- MTU MTL 5044 Typ 2
- DTFR 15B100
- MAN M 3275-2

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE MONOGRADE	
SAE class	DIN 51 511	-	30	40
Density at 15°C	DIN 51 757	g/cm ³	0.892	0.893
Viscosity 40°C	DIN 51 562	mm ² /s	101	129
Viscosity 100°C	DIN 51 562	mm ² /s	11.8	13.9
Viscosity index (VI)	DIN ISO 2909	-	107	105
Flash point COC	DIN ISO 2592	°C	250	270
Pour point	DIN ISO 3016	°C	-30	-27
Base number	DIN ISO 3771	mgKOH/g	10.8	10.8

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