

# ALPINE® Longlife 12 FE 0W-30

High-performance low viscosity engine oil for BMW engines of the latest technology

## Properties

**ALPINE Longlife 12 FE 0W-30** is an ash-reduced and fuel-saving engine oil for modern BMW engines. The fuel saving also reduces CO2 emissions. The novel additive technology with significantly reduced amounts of ash-forming substances optimally protects the diesel particulate filter from contamination (LOW-SAPS formula).

**ALPINE Longlife 12 FE 0W-30** facilitates cold starts at low temperatures and protects the engine from corrosion and deposits. The engine oil based on synthesis technology thus enables the engine to be kept almost factory clean.

## Application notes

**ALPINE Longlife 12 FE 0W-30** is only suitable for approved BMW diesel engines from model year 2014 (all 3-cylinder B37 engines, 4-cylinder engines from 2014 and 6-cylinder engines from model year 2013) with max. 1 turbocharger. In addition, the engine oil is

suitable for all BMW petrol engines from model year 2002 in the EU region, including Norway, Switzerland and Liechtenstein.

## Service description

### Specifications:

- ACEA C2

### Approval:

- BMW Longlife 12 FE

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE Longlife 12 FE 0W-30
Density at 15°C	DIN 51 757	kg/m <sup>3</sup>	841
Viscosity at 40°C	DIN 51 562	mm <sup>2</sup> /s	52.8
Viscosity at 100°C	DIN 51 562	mm <sup>2</sup> /s	9.8
Viscosity index (VI)	DIN ISO 2909	-	174
Viscosity at -35°C	DIN 51 377	mPa.s	5600
Pour point	DIN ISO 3016	°C	-48
Flash point COC	DIN ISO 2592	°C	236
TBN	DIN ISO 3771	mg KOH/g	8.2

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