

# ALPINE® TS 5W-30

## HC-synthetic high-performance low viscosity engine oil for passenger cars

### Properties

**ALPINE TS 5W-30** is a HC-synthetic high-performance, low viscosity engine oil of viscosity class SAE 5W-30. Its base oil composition combines the advantages of base oils of modern refinery technology with those of synthetic components. Excellent cold-start behaviour ensures optimum lubrication reliability in the cold-running phase. The specially developed additives provide enhanced protection against wear, corrosion and foaming as well as a high and stable viscosity index.

### Application notes

**ALPINE TS 5W-30** is recommended for passenger cars petrol and diesel engines, also with turbocharger in cars and vans.

### Service description

#### Specifications:

- ACEA A3/B4
- API SL/CF

#### Recommendations\*:

- MB 229.1
- VW 501.01 / 505.00

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE TS 5W-30
Density at 15°C	DIN 51 757	kg/m <sup>3</sup>	857
Viscosity at 40°C	DIN 51 562	mm <sup>2</sup> /s	75.1
Viscosity at 100°C	DIN 51 562	mm <sup>2</sup> /s	12.3
Viscosity Index (VI)	DIN ISO 2909	-	163
Viscosity at -30°C	DIN 51 377	mPa.s	6150
Pour point	DIN ISO 3016	°C	-39
Flash point COC	DIN ISO 2592	°C	230
TBN	DIN ISO 3771	mg KOH/g	10.4

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