

ALPINE TSN 10W- 40

Semi-synthetic high-performance low-friction engine oil for passenger cars

Properties

Alpine TSN is a semi-synthetic high-performance low-friction engine oil of the SAE 10W-40 viscosity class whose base oil composition combines the advantages of basic oils of modern refining technology with those of synthetic components. Base oil composition and shear-stable VI improvers ensure that the indicated viscosity class is maintained over the entire lubrication time.

The aging process of this engine oil is well managed at the maximum permissible oil residence times. Antioxidants and cleaning additives prevent deposits, keep pistons and valves clean and protect the engine against cold sludge. The low friction loss in the engine significantly reduces fuel consumption and emissions. Low evaporation loss prevents deposits in valves, sludging and laking, so that pistons and piston ring grooves are kept clean.

Use instructions

Alpine TSN is recommended for use in all passenger car engines (petrol or diesel) including models with diesel turbochargers and catalytic converters.

Performance data

Specifications: ACEA A3-/B4 • API SN/CF

Approvals *: MB-Freigabe 229.3, VW-Norm 502.00/505.00

TYPICAL VALUES	METHOD	UNIT	ALPINE TSN 10W- 40
SAE class	DIN 51 511	-	10W- 40
Density 15°C	DIN 51 757	g/cm ³	0,865
Viscosity at 40°C	DIN 51 562	mm ² /s	108
Viscosity at 100°C	DIN 51 562	mm ² /s	15,7
Viscosityindex (VI)	DIN ISO 2909	-	156
FlashpointCOC	DIN ISO 2592	°C	220
Pour point	DIN ISO 3016	°C	- 36
TBN	DIN ISO 3771	Mg KOH/g	8,5

* conforms to OEM specifications

The above values may vary within commercially accepted tolerances

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