



OPIS series

SAE 5W-50 - Fully Synth (PAO)

Fully synthetic high-performance engine oil

High-performance, fully synthetic lubricant with an extreme multi-grade character.

This top-quality motor oil satisfies the requirements of modern engines and is recommended for gasoline and diesel engines of passenger cars and light duty commercial vehicles.

Particularly suited for high thermal and mechanical loads.

Properties and features

- Unique PAO formulation
- Very good cold start properties for a rapid lubrication of the entire engine and consequently reduction of cold-start wear.
- Reliable wear protection and optimum lubrication in all situations, even at hot and difficult operating conditions.
- Outstanding motor cleanliness.
- Low evaporation loss and maximum oxidation stability.

Use

Fully synthetic high-performance engine oil for modern low-emission gasoline and diesel engines in cars and light commercial vehicles. This oil is well suited for extreme driving conditions as well as for normal use. It is recommended for engines with and without turbochargers or multi-valve technology, as well as for diesel engines with or without direct fuel injection.

Observe manufacturer's specifications and instructions before use.

Specifications

Performance level:

ACEA A3/B3, A3/B4
API SN / CF

VW 502 00, 505 00
MB 229.5
Porsche A40

Technical data

Unit

Method

Density at 15°C	0,846 g/cm ³	ASTM D 1298
Viscosity at 40 °C	110 mm ² /s	ASTM D 445
Viscosity at 100 °C	17,5 mm ² /s	ASTM D 445
Viscosity index	180	ASTM D 2270
Viscosity at – 30°C (CCS)	5'500 cP	ASTM D 5293
TBN	11.0 mgKOH/g	ASTM D 2896
Sulphated ash	1.2 % mass	ASTM D 874
Flash point C.O.C.	230 °C	ASTM D 92
Pour point	-42 °C	ASTM D 97
NOACK evaporation loss	8,5 % mass	CEC-L-40-A-93

Health, safety and environment

ADR / SDR : Not dangerous

EU Waste List Code : 13 02 08