



THETIS series

5W-30 MATRO L-3

Synthetic motor oil with "low SAPS" technology for passenger cars

High-tech fuel efficient engine oil according to the latest ACEA C3 specification, specifically developed for modern gasoline and diesel engines in passenger cars.

This engine oil is produced using the latest low-ash additive chemistry and satisfies the requirements of the VW-Longlife III specification 504 00 for gasoline engines and 507 00 for diesel engines, as well as specifications of Mercedes-Benz and other manufacturers.

The introduction of increasingly severe emission standards for vehicles is leading to the development of new engines and exhaust gas treatment systems, as a result of which a new generation of engine oils is required.

In order to fulfil those severe norms, modern diesel engines are equipped with **Diesel Particulate Filters (DPF)** and other exhaust gas after-treatment systems. Those devices must not be negatively affected by the components of the engine oil and, therefore, lubricants with a significantly reduced **Sulphated Ash, Phosphorus and Sulphur content (low SAPS)** are required.

The low-ash technology keeps the engine and the DPF clean and ensures a significant reduction in particulate emissions.

Properties and features

- Modern formulation specifically developed for exhaust after-treatment systems (DPF, diesel particulate filters or NO_x storage catalytic converters).
- Latest low-ash technology: significantly reduced sulphated ash, phosphorus and sulphur contents (low SAPS) and therefore reduced particulate emissions.
- Keeps the engine and emission control system clean and enables longer usage of the DPF.
- High wear protection, outstanding oxidation resistance and optimum shear stability (stay-in-grade) are guaranteed.
- Improved cold start performance and fuel saving potential.

Use

This synthetic engine oil that uses the latest low-ash technology with LongLife III character is ideally suited for vehicles of the VW Group (Volkswagen, Audi, Skoda and Seat) with MIE (maintenance interval extension). It can be used in both gasoline and diesel engines, including fuel-injection engines, with or without DPF and LongLife Service, even in cars of older generations.

The oil change intervals with LongLife service recommended by VW (reference on the vehicle data carrier: QG1) are as follows:

Gasoline engines: max. 30'000 km / max. 2 years

Diesel engines: max. 30'000 / 35'000 / 50'000 km (depending on the model) / max. 2 years

This engine oil also fulfils the requirements of Mercedes-Benz (MB 229.51) and those of other OEMs according to the specifications listed below.

Observe manufacturer's specifications and instructions before use.



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Specifications / Performance level

ACEA C3	VW 504 00, 507 00
ACEA A3/B4-2007	MB 229.51
API SN	BMW LL-04 (up to models 06.2019) Porsche C30 FIAT 9.55535 S3 – performance level CHRYSLER MS 11106– performance level

Technical data	Unit	Method
Density at 15°C	0,854 g/cm ³	ASTM D 1298
Viscosity at 40 °C	70 mm ² /s	ASTM D 445
Viscosity at 100 °C	12 mm ² /s	ASTM D 445
Viscosity index	169	ASTM D 2270
Viscosity at – 30°C (CCS)	5900 cP	ASTM D 5293
HTHS Viscosity at 150°C	> 3,5 mPa s	CEC-L-36-A-97
TBN	6.6 mgKOH/g	ASTM D 2896
Sulphated ash	0,68 % mass	ASTM D 874
Flash point C.O.C.	236 °C	ASTM D 92
Pour point	-42 °C	ASTM D 97
NOACK evaporation loss	10.0 % mass	CEC-L-40-A-93

Health, safety and environment

ADR / SDR :	Not dangerous	EU Waste List Code :	13 02 08
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