

## **TEDEX SYNTHETIC MOTOR OIL**

### **engine oil**

#### *Product description*

**TEDEX SYNTHETIC MOTOR OIL** is a multi-grade, the latest generation engine oil, formulated with the use of highest quality synthetic base oils and a package of low-ash additives, specially developed for this class of oil. It is recommended by leading car producers to be used in modern diesel engines meeting the EURO 4 standard.

#### *Specifications and Approvals*

- ☞ Viscosity grade by SAE: 5W-40, 5W-30
- ☞ Quality grade by API: SN
- ☞ Quality grade ACEA: C3, A5/B5
- ☞ Technical Conditions: WT-Tedex/97/14 A ed. III
- ☞ Volkswagen 502 00/505 01
- ☞ **Volkswagen 502.00/505.01**
- ☞ MB 229.31/229.51/226.5
- ☞ BMW Long Life-04
- ☞ Porsche A40
- ☞ Renault RN 710/700
- ☞ GM Dexos 2
- ☞ PSA Peugeot Citroën B 712290
- ☞ Ford 917A

#### *Application*

**TEDEX SYNTHETIC MOTOR OIL** is a fully synthetic motor oil developed in cooperation with the VW Group as an oil Low ash technology LOW SAPS for modern petrol and diesel engines with particulate filters with the standard mileage between dimensions. This oil is specially designed for Volkswagen TDI engines and has the highest Volkswagen approvals.

It is designed for lubrication of all types of latest engines with spark-ignition and diesel engines, both without recharging and supercharged in which the passenger cars are fitted. Especially recommended for lubrication of multi-valve high power turbo engines with fuel injection and exhaust catalysts. It can also be used in four-stroke engines of motorcycles. It works in all operating conditions.

This oil is exchangeable and miscible with other synthetic, semi-synthetic and mineral oils of similar quality grade by API and viscosity by SAE.

#### *Features*

**TEDEX SYNTHETIC MOTOR OIL** has unique operating properties, which are significantly better than the effects of conventional motor oils, namely:

- ☞ Excellent viscosity and temperature properties – viscosity grade SAE 5W-40 assures unique fluidity in low temperatures and fast circulation in the engine which enables the so-called cold start and helps to keep the layer of lubricant film in high temperatures – it contributes to fuel economy.
- ☞ Excellent stability in high temperatures and very low volatility, due to which the formation of high temperature deposits is minimal and the consumption of oil is lower
- ☞ Cleaning properties – keep the engine parts clean even after long period of exploitation
- ☞ Anti-wear properties – effectively reduce friction and wear of engine parts
- ☞ Anticorrosive and antirust properties – effectively protect the engine from corrosion and rust
- ☞ High resistance on so called shearing, which assures full viscosity even after elongate mileage
- ☞ It significantly reduces fuel consumption and gas emission

*Physical and chemical properties – typical values*

TEDEX SYNTHETIC MOTOR OIL	SAE 5W-30	SAE 5W- 40
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	10,2	13,35
Viscosity index	165	162
Viscosity at w –30°C, mPa.s,	6000	5620
Flashpoint, °C	230	232
Pour point, °C	-36	- 45
Total Base Number (TBN), mg KOH/g	8,0	8,1
Sulfated ash	0,9	0,8

*Above parameters are standard data, we reserve the right to change them due to technical progress.*

*Industrial safety and fire-fighting properties*

- ◆ the oil does not contain toxic substances
- ◆ the volatility of the oil in relation to ether is very low
- ◆ the liquid is slow-burning, the tendency to self-burning is low
- ◆ fire hazard class - IV

*Storage and transport*

**TEDEX SYNTHETIC MOTOR OIL** shall be stored in closed containers, which protects the oil from moisture, water and mechanical impurities. Recommended temperature of storage between 5 °C and 35 ° C. The oil can be transported by means of road and rail transport, both in bulk and drums – it does not cause danger.

***Any information on the application of TEDEX's oils and grease can be obtained from:***

***TEDEX S.A.***

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