

## Engine oil

### LOTOS SYNTHETIC 504/507 SAE 5W-30

Synthetic motor oil of the latest generation. Developed specifically for VW cars equipped with diesel engines with particulate filters, those requiring an oil that meets the requirements of the VW 504.00/507.00 standard. Also permitted to be used in vehicles from other manufacturers with diesel engines equipped with catalytic systems and particulate filters, if the ACEA C3 oil is recommended

#### Characteristics:

- synthetic oil with reduced SAPS content - compatible with particulate filters
- ensures optimum performance throughout the life cycle of engines requiring oil of the above-mentioned OEM quality
- intended for use for extended intervals of replacement (according to the car's manual)
- recommended mainly for Volkswagen, Audi, Skoda, Seat, Mercedes-Benz, Kia, Hyundai, Subaru - the models, which require the above-mentioned OEM quality levels or the API or ACEA quality grade
- recommended for post-warranty use in cars where LOTOS QUAZAR LLIII SAE 5W-30 oil was used

| No. | Requirements                         | Test methods according to | Unit               | Value     |
|-----|--------------------------------------|---------------------------|--------------------|-----------|
| 1.  | Kinematic viscosity at 100°C:        | ASTM D 445                | mm <sup>2</sup> /s | 11.3-12.5 |
| 2.  | Pour point, not higher than          | ASTM D 97                 | °C                 | -39       |
| 3.  | Flashpoint, not higher than          | ASTM D 92                 | °C                 | 200       |
| 4.  | Viscosity index, not less than       | ASTM D 2270               |                    | 160       |
| 5.  | Base number, not less than           | ASTM D 2896               | mgKOH/g            | 6.0       |
| 6.  | Sulphated ash content, not more than | ASTM D 874                | % (m/m)            | 0.8       |

#### Specifications, classifications:

SAE 5W-30

ACEA C3

#### Approved by:

MB-Approval 229.51

**Meets the requirements of:**

VW 504.00/507.00; Porsche C30

**Storage:**

All packages should be stored under a roof. If they are stored in the open air where they can be exposed to atmospheric conditions - rain, they should be placed in a horizontal position, so as to prevent ingress of water and prevent the destruction of marking, it is best to use canvas.

The product can not be stored at a temperature higher than 60 ° C, can not be exposed to direct sunlight or temperatures below 0 ° C. The expiry date for use under the conditions of storage is 3 years.

**Health, Occupational Health and Safety, Environment:**

Safety information is included in the Materials Safety Data Sheet (MSDS Safety Data Sheet). It contains detailed information on the potential hazards, precautions and First Aid measures, together with information on the impact on the environment and the disposal of used products.

LOTOS Oil SA and cooperating companies do not take responsibility for the consequences of improper product use or non-use of the precautions. Before using the product for purposes other than those listed, please consult your local LOTOS Oil SA office.

*Data contained in this document does not constitute an offer within the meaning of the Act of 23 April 1964 - Civil Code. LOTOS Oil SA assumes no responsibility for any consequences of the use of the information contained herein, in particular when deciding on trade and investment. All data contained herein are typical of those obtained with normal production batch, they may vary slightly due to characteristics of the production process, as well as due to continuous product development. Data contained in this document may be subject to change. LOTOS Oil SA is not responsible for the availability of the product.*

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