

## Engine oils for trucks and machinery

### DIESEL FLEET 10W- 40

High quality multi-seasonal, SHPD semi-synthetic motor oil. Recommended for use in high-speed, four-stroke diesel engines of tractors, trucks, vans and special vehicles, those designed to meet the EURO III and earlier emission standards. Recommended for standard change intervals.

#### Characteristics:

- provides excellent lubrication under all operating conditions,
- characterized by increased resistance to the formation of the so-called black sludge,
- provides perfect purity of co-operating components,
- ensures facilitated, as compared to SAE 15W-40 oils, start at low temperatures,
- can be used in EURO III engines where oils following the qualitative profile of: MB 228.3, VDS-3, MAN 3275 were required.

No.	Requirements	Test methods according to	Unit	Value
1.	Kinematic viscosity at 100°C	ASTM D- 445	mm <sup>2</sup> /s	14.0-16.3
2.	Flow temperature	ASTM D- 97	°C	- 33
3.	Flash point	ASTM D- 92	°C	210
4.	Base number	ASTM D- 2896	mgKOH/g	10
5.	Viscosity index	ASTM D- 2270		145
6.	Structural viscosity, CCS, at -25 °C	ASTM D- 5293	mPa*s	7 000

The above figures are typical of those obtained with normal production batch, they are not a technical specification, due to continuous development of the product, they may change.

#### Specifications, classifications:

SAE 10W-40  
API CI-4/SL

#### Packaging:

17kg, 180kg, 1 ton

**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 Sp. z o. o. 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 Sp. z o. o. office.

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