

Engine oils for trucks and machinery

TURDUS POWERTEC 5100 SAE 10W-40

The technologically-advanced UPHDO type motor oil with the lowered contents of so-called SAPS, characterized by the maximum sulfur contents: 0.3%, the maximum phosphorus contents: 0.08%, and also the sulfate ashes contents not exceeding 1%. It is intended mainly for the lubricating of high-performance truck diesel engines equipped with exhaust gases aftertreatment systems, adapted mainly so that they could meet the emission norms EURO 4, EURO 5 and some EURO 6, in which the producer recommends using the oil whose quality is based on the requirements for the ACEA E6 category.

Characteristics:

- ensures the perfect lubricating in all kinds of operating conditions,
- ensures the perfect cleanness of co-operating elements,
- limits the emission of solid particles from the engine to the possible minimum,
- meets the requirements for the emission of the harmful components of exhaust fumes, ensuring the safe functioning of the elements of the truck engine exhaust fume system,
- compatible mainly with engines adapted so that they could meet the emission norms of Euro 4/5,
- the standard or extended replacement intervals (depending on the vehicle producer's recommendations).

No.	Name	Method	Unit	Value
1.	Kinematic viscosity at 100 ^o C	ASTM D 445	mm ² /s	13.5-16.3
2.	Pour Point , no higher than	ASTM D 97	^o C	- 30
3.	Flash Point , no lower than	ASTM D 92	^o C	215
4.	Total Base Number, no lower than	ASTM D 2896	mgKOH/g	10
5.	Viscosity Index, no lower than	ASTM D 2270		155
6.	Viscosity, CCS - 25 ^o C, no higher than	ASTM D 5293	mPa*s	7000
7.	Sulphated ash, no more than	ASTM D 874	% m/m	1.0

The above data consists of values typical for a production batch, which are not included in technical specifications, and are subject to change due to continual product research and development.

Specifications, classifications:

SAE 10W-40
API CI-4
ACEA E6, E7

Approved by:

MB-Approval 228.51
MAN 3477
Deutz DQC IV-10 LA
Volvo VDS-3
Mack EO-N;
Renault VI RLD-2

Meets the requirements of:

MTU Type 3.1

Packaging:

5l, 17kg, 50kg, 180kg

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.

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Updated: 30.03.2018