

Gear oil, motorization

TITANIS SUPER GL-5 75W90

Gear oil of TDL type formulated on the base of synthetic base oils and a properly selected package of multifunctional additives.

The oil is designed for application in gears including hypoid gears of cars and other mechanical vehicles working in extremely demanding conditions, i.e. at a wide range of ambient temperatures when the oil of API GL-5 or GL-4 grade and of SAE 75W/90 viscosity is required.

Properties:

- enables easy start-up at low temperatures,
- inhibits deposits formation,
- reduces gear elements wear,
- guarantees excellent gear cleanness,
- designed for work in drive of vehicles and machines.

Nº	Requirements	Research methods by	Unit	Value
1.	Kinematic viscosity at 100°C	ASTM D 445	mm ² /s	14.5-18,5
2.	Pour point, not higher than	ASTM D 97	°C	- 45
3.	Flash point, not lower than,	ASTM D 92	°C	190
4.	Brookfield viscosity at -40°C, not higher than	ASTM D 2983	mPa*s	150 000
5.	Viscosity index, not lower than	ASTM D 2270		150

The above given data are the typical values for a production batch, they are not included in technical specification, and they are subject to change due to continual product research and development.

Specifications, classifications:

SAE: 75W/90

API: GL-4/GL-5; MT-1

Meets the requirements:

MAN 3343 S

ZF TE-ML 02B,05B,12L, 12N,16F,17B,19C, 21B (ZF Registration number: ZF000356).

Scania STO 1:0

Mack GO-J

Packaging:

50, 180 kg

Storage:

The products should be stored under a roof. If they are stored in the open air where they

can be exposed to atmospheric conditions – rains, they should be placed in a horizontal position in order to avoid inrush of water to a container and to prevent label damaging; they should be covered with tarpaulin.

The products should not be stored at the temperature above 60°C and in the places where solar radiation is very strong or – temperatures very low, below 0°C. The expiry date is not less than 3 years if the storage conditions are satisfied.

Health, Industrial Safety and the Environment:

Information concerning safety is included in the product Safety Sheet. It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the used products.

Lotos Oil Sp. z o.o. and the cooperating companies do not take responsibility for misuse of the product or – the use with the violation of the precautions given. Before using the product for other than recommended purposes, seek advice in the local Lotos Oil Sp. z o.o. office.

The information provided in this data sheet is not intended to constitute an offer within the meaning of the Act of 23rd April 1964 - Civil Code. LOTOS Oil Sp. z o.o. bears no responsibility for whatever effects of use (particularly in trade and investment decision-making) of information contained herein. Any data contained in the MSDS are typical process tolerance values and they are subject to change due to continual product research and development. Information provided in this document may undergo changes. LOTOS Oil Sp. z o.o. is not responsible for the product availability.

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