

Gear oils, automotive industry

TITANIS SUPER GL-5 80W-90

Gear oil for use in transmissions, including hypoid, cars and other motor vehicles operating in extreme conditions, i.e. at high speeds and step-load situations where API GL-5 or GL-4 and SAE 80W / 90 are required.

Properties:

- ⇒ provides perfect cleanness of transmissions,
- ⇒ allows easy starting at low temperatures,
- ⇒ prevents the formation of sludge,
- ⇒ reduces the wear of transmission components,

No.	Requirements	Test methods according to	Unit	Value
1.	kinematic viscosity at 100°C	ASTM D 445	mm ² /s	13.5-24.0
2.	pour point, not higher than	ASTM D 97	°C	- 30
3.	flashpoint, not higher than	ASTM D 92	°C	200
4.	Brookfield viscosity at -26°C, not higher than	ASTM D 2983	mPa*s	150,000
5.	viscosity index, not less than	ASTM D 2270		95

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 80W-90

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

Approvals:

ZF TE-ML 02B, 05A, 12L, 12M, 16B, 17B, 19B, 21A

MAN 341 E2/341 Z2/342 M2

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, Work 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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