

Product Data Sheet

Tomoil™ Litol 24

Grease

Product description

Tomoil™ Litol 24 is a versatile industrial grease with waterproof properties, incorporating a thickening agent of technical lithium soap sourced from 12-hydroxystearic acid. Its consistent performance spans a wide range of temperatures, loads, and speeds, owing to its elevated dropping point, exceptional water resistance, and resilient shear stability.

Application

Tomoil™ Litol 24 is suitable for use in a wide range of industrial applications, including bearings, gears, and sliding surfaces. It is recommended for use in industrial machinery, automotive applications, and construction equipment.

Features & Benefits

- Excellent protection against wear, rust, and corrosion
- Highly resistant to water washout
- Superior mechanical stability
- Consistent performance over a wide range of temperatures and operating conditions
- Exceptional adhesive properties
- Better pumpability, allowing for easy application and distribution

Typical Properties

Property	Unit	Test method	Typical value
NLGI class	-	-	3
Color	-	Visual	Light yellow
Operating temperature range	°C	-	-40.....+120
Dropping Point	°C	GOST 6793	Min. 185
Penetration at 25 °C, 0.1 mm	-	GOST 5346	220-250
Kinematic viscosity of base oil at 40 °C	cst	GOST 7163	100
Tribological characteristics at 20±5 °C on the ChShM - scuffing index - welding load - critical load	N	GOST 9490	28.5 1390 635

Typical property characteristics are based on current production. Whilst future production will conform to TomoilTM specifications, variations in these characteristics may occur.

Performance claims

- DIN 51502: K3K-40
- NLGI 3

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.tomoil.de

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- plastic bucket 5.0 kg
- plastic bucket 10.0 kg
- plastic bucket 18.0 kg
- plastic bucket 180.0 kg

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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