

## **MOSIL Robogrease - 3302**

### **Low Torque Synthetic Grease**

Synthetic hydrocarbon grease fortified with solid lubricants and highly stable chemical additives like rust and corrosion inhibitor and anti-oxidants. It is highly inert and has an excellent fluidity at very low temperatures (upto -50°C) making it applicable to a wide range of industrial applications including plants handling ammonia.

#### **AREA OF APPLICATION**

Lubrication system of robotic and cryogenic equipments, Worm gears, Gear couplings, Universal joints, instrument bearings etc.

#### **BENEFITS**

- Operates effectively at low temperatures.
- Reduces maintenance downtime.
- Protects from rust & corrosion.
- Long-Life lubricant for industry

#### **PACKING:** 20 Kg Pail, 180 Kg Drum

Owing to evolving packaging solutions, user is requested to kindly check the availability of a specific pack size prior to standardization.



# PRODUCT BULLETIN

Sr	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1.	Appearance	Smooth Homogeneous Grease
2.	Base	Synthetic / Complex Lithium
3.	Colour	White to Dirty White <i>(Minor variation in shade has no effect on the lubricating properties of the product)</i>
4.	Specific Gravity, 20°C MSTM IN - 16	0.90 ± 0.05
5.	Base Oil Viscosity (cSt), 40°C ASTM D - 445	42 ± 8
6.	Drop Point, °C ASTM D - 566	180°C (min)
7.	Consistency	# 1 - 2
8.	Worked Penetration ASTM D - 217	260 - 320
9.	Coefficient of Friction	0.055 (max)
10.	Water Resistance DIN 51 - 807	1 - 90
11.	Copper Strip Corrosion ASTM D - 4048	Negative
12.	Additives	Anti-wear, Anti-rust Anti-corrosion Anti-oxidant
13.	Temperature Range	-40°C to 160°C

Material Safety Information required for safe usage of this product may not be included in this product bulletin and may be sought by contacting MOSIL. Users are advised to go through the Material Safety Data Sheet (MSDS) of this product prior to application / usage of this product.

All statements and information contained in this document are based on the laboratory testing and user experience on actual applications. Owing to the exhaustive possibility of application for which this product may be used and the variety of equipments, performance parameters, environmental conditions and unpredictable human factors, we strongly recommend that this product be tested on the actual application prior to its standardization. All information contained herewith is offered in good faith but without any expressed or implied warranty. This Product Bulletin may already have been revised considering the availability of raw components, legislation, user experience & expectations and enhancement of knowledge of the development team of MOSIL. Users are requested to kindly seek the latest version of this product bulletin by contacting MOSIL. Information provided in this Product Bulletin is based on the generalised expectations and requirements of users. Additional information for this product may also be sought by contacting MOSIL.

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**Mosil Lubricants Private Limited**

Technical Services Dept: "ANIRA" Plot No. A-791/3, MIDC Khairne, Navi Mumbai - 400710. INDIA  
T: +91 22 2464 0500 / 0501 | F: +91 22 2778 8505 | E: corporate@mosil.com | W: www.mosil.com  
Regd Office: 166/1, KALANIDHI, Sion(West), Mumbai - 400 022 | CIN # U23200 MH 2000 PT C124177

