

MOSIL Robogrease - 230M

Specialty Fluid Grease

It is synthetic fluid grease specially formulated with highly stable chemical additives such as rust and corrosion inhibitors and antioxidants to provide good rust protection and oxidation stability for high temperature performance. They also reduce the fatigue and abrasive wear considerably under extreme dynamic load condition where operating speed is very high. It is ideally suitable for centralized lubrication systems.

AREA OF APPLICATION

Centralized lubrication system of robotic and cryogenic equipments, Worm gears, Gear couplings, Universal joints, instrument bearings etc. High speed lubricant for small sized gears in hand tools, drive shafts and all other type of equipments with close tolerances.

BENEFITS

- ➔ Reduces friction and wear.
- ➔ Extends re-lubrication interval.
- ➔ Operates at very high speed and temperature.
- ➔ Very low starting torque.

PACKING: 1 Kg Jar, 20 Kg Pail

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



<u>Sr</u>	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1.	Appearance	Smooth Grease
2.	Base	Synthetic
3.	Color	Beige (minor variation in color has no effect on the performance of the product)
4.	Specific Gravity, 20°C MSTM IN - 16	0.90 ± 0.05
5.	Base Oil Viscosity (cSt), 40°C ASTM D - 445	83 ± 8
6.	Drop Point, °C ASTM D - 566	180° C (min)
7.	Consistency	0 - 00
8.	Worked Penetration ASTM D - 217	380 - 420
9.	Water Resistance DIN 51 - 807	1 - 90
10.	Copper Strip Corrosion ASTM D - 4048	Negative
11.	Additives	Anti-wear, Anti-rust Anti-corrosion Anti-oxidant
12.	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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