

PRODUCT BULLETIN



MOSIL GM - 403

Premium Grease

MOSIL GM - 403 is a high performance, multi-purpose high temperature grease suitable for almost all types of greasing applications including many open and sealed plain and antifriction bearings.

AREA OF APPLICATION

Specially developed and recommended for bearings of electrical motors.

Can also be used for plain and anti friction Ball and Roller Bearings and Bushings, Rack and Pinion, Gears, Linkages, Slides, Universal joints, Kingpins, Guides, Chains, Centralized lubrication systems, Electric motors, Pumps, EOT Cranes, Forklifts and other greasing applications.

BENEFITS

- Multipurpose application
- Extends re-lubrication interval.
- Reduces maintenance downtime.
- Increases bearing life by reduction in wear and tear.
- Protects from rust and corrosion.
- Reduces grease inventory.
- Single grease for many applications

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.

Mosil Lubricants Private Limited

Technical Services Dept: "ANIRA" Plot No. A-791/3, MIDC Khairne, Navi Mumbai - 400710. INDIA
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Regd Office:166/1, KALANIDHI, Sion(West), Mumbai - 400 022 | CIN # U23200 MH 2000 PT C124177



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Sr	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1.	Appearance	Smooth Homogeneous Grease
2.	Base	Mineral Oil, Lithium complex
3.	Colour	Green (minor variation in colour has no effect on performance of the lubricant)
4.	Drop Point, °C ASTM D - 2265	240°C (min)
5.	Consistency (NLGI)	# 3
6.	Worked Penetration ASTM D - 217	220 – 250
7.	Base Oil Viscosity (cSt), 40°C ASTM D - 445	110 (typical)
8.	Base Oil Viscosity (cSt), 100°C ASTM D - 445	12 – 13 (typical)
9.	Flash Point of Base Oil, °C ASTM D - 92	240 (min)
10.	Copper Strip Corrosion ASTM D - 4048	Negative
11.	Oil Separation (100°C/30hrs), % ASTM D - 6184	0.5 (typical)
12.	EMCOR Rust Test ASTM D - 6138	0/1
13.	Water Washout (%, 80°C) ASTM D - 1264	3.5 (max)
14.	Temperature Range	-20°C to 160°C

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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.

Rev 02, Issue 00

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