

MOSIL GM - 707M

High Temperature Grease

MOSIL GM - 707M is a high performance, high temperature grease suitable for almost all types of greasing applications including many open and sealed plain and antifriction bearings. It is fortified with proprietary friction modifier technology of MOSIL to provide excellent load carrying and antiwear properties. The non abrasive solids in the grease provide lubrication at extreme temperatures in dry conditions.

AREA OF APPLICATION

All types of plain and anti friction Ball and Roller Bearings and Bushings, Rack and Pinion, Gears, Linkages, Slides, Universal joints, Kingpins, Guides, Chains, EOT Cranes, Forklifts and other greasing applications.

Specially recommended for bearings exposed to high temperatures such as in furnaces, rotary kilns, hot air fans, conveyor systems etc.

BENEFITS

- ➔ Multipurpose application
- ➔ Extends re-lubrication interval.
- ➔ Reduces maintenance downtime.
- ➔ Increases bearing life by reduction in wear and tear.
- ➔ Protects from rust and corrosion.

PACKING: 1 Kg Jar, 20 Kg Pail, 180Kg Drum

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 Homogeneous
2.	Base Oil, Thickener	Synthetic, Non Soap
3.	Colour	Black
4.	Specific Gravity	0.90 ± 0.05
5.	Drop Point	None
6.	Consistency (NLGI)	# 1 - 2
7.	Worked Penetration	300 - 330
8.	Base Oil Viscosity (cSt) 40°C	460
9.	Flash Point of Base Oil, °C	270 (min)
10.	DN Factor	350,000
11.	4 Ball Weld Load (kg)	250 (min)
12.	4 Ball Wear Scar (mm)	0.9 (max)
13.	Copper Strip Corrosion	Negative
14.	Oxidation Stability (kg / cm ²)	0.1 (max)
15.	Water Resistance	0 - 90 DIN 51 807
16.	Evaporation Loss (% , 100°C, 24h)	1.07 (max)
17.	Temperature Range	-30° C to 220° C (Peak temperature upto + 250°C)



PRODUCT BULLETIN



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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