

## **MOSIL GM - 1000ST**

### **Heavy Duty Water Resistant Grease**

It is a premium heavy duty grease with excellent water resistance. Unlike conventional metal thickener based greases, GM - 1000ST has inherently better thermal stability, adhesion to metal surfaces and EP.

#### **AREA OF APPLICATION**

Specially developed for lubrication and protection of Liners in Roll Shops of Steel Plants.

Can be used for all other heavy duty, slow speed bearings in steel plants.

#### **BENEFITS**

- ➔ Excellent Water Resistance
- ➔ Heavy Duty Grease for boundary lubrication regime.
- ➔ Excellent corrosion resistance.

**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.



<u>Sr</u>	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1.	Appearance	Smooth Homogeneous
2.	Base Oil, Thickener	Mineral, Multimetal Thickener
3.	Colour	Black <i>(Minor variation in shade has no effect on the performance of the product)</i>
4.	Specific Gravity, 20°C MSTM IN - 16	0.90 ± 0.1
5.	Drop Point, °C ASTM D - 2265	240 (min)
6.	Consistency (NLGI)	2 - 1
7.	Worked Penetration ASTM D - 217	290 - 320
8.	Base Oil Viscosity (cSt), 40°C ASTM D - 445	460
9.	Water Resistance DIN 51 - 807	0 - 90
10.	Timken OK Load (lbs) ASTM D - 2509	55
11.	4 Ball Weld Load, kg ASTM D - 2596	400 (min)
12.	4 Ball Wear Scar, mm ASTM D - 2266	0.7 (max)
13.	Copper Strip Corrosion ASTM D - 4048	Negative
14.	EMCOR Rust Test ASTM D - 6138	0,0
15.	Temperature Range	-15°C to 190°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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