

## **MOSIL BRB - 640**

### **Multipurpose Grease**

It is premium quality grease formulated with advanced sulfonate thickener technology. Unlike conventional soap based thickeners, Calcium Petroleum Sulfonate thickener imparts excellent corrosion and water resistant properties apart from an inherently better thermal stability and EP.

#### **AREA OF APPLICATION**

Specially developed for continuous caster application in Steel Plants.  
Recommended for all heavy duty, slow speed bearings in steel industries.

#### **BENEFITS**

- Excellent Water Resistance
- Excellent Pumpability
- Extends re-lubrication interval.
- Multipurpose application
- Excellent corrosion resistance.
- Increases bearing life by reduction in wear and tear.

#### **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

<u>Sr</u>	<u>CHARACTERISTICS</u>	<u>TYPICAL VALUES</u>
1.	Appearance	Smooth Homogeneous
2.	Base Oil, Thickener	Mineral, Calcium Sulfonate
3.	Colour	Light to Dark Brown (Minor variation in shade has no effect on the performance of the product)
4.	Specific Gravity, 20°C MSTM IN - 16	0.90 ± 0.1
5.	Drop Point, °C ASTM D - 2265	290 (min); 298 (typical)
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.	Flash Point of Base Oil, °C ASTM D - 92	240 (min)
10.	Water Washout (%) ASTM D - 1264	2 (max)
11.	Timken OK Load (lbs) ASTM D - 2509	55
12.	4 Ball Weld Load, kg ASTM D - 2596	400 (min)
13.	4 Ball Wear Scar, mm ASTM D - 2266	0.6 (max)
14.	Copper Strip Corrosion ASTM D - 4048	Negative
15.	EMCOR Rust Test ASTM D - 6138	0,0
16.	Oxidation Stability (kg / cm <sup>2</sup> ) IP - 142	0.3 (max)
17.	Oil Separation (100°C/24hrs), % ASTM D - 6184	2.9 (max)
18.	Thermal Stability (%) ASTM D - 6184	1.26
19.	Evaporation Loss (%, 100°C, 24h) MSTM IN - 3	0.51 (max)
20.	Temperature Range	-15°C to 220°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.*

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