

MOSIL BRB - 100ST

Premium Grease for Universal Joints

High performance grease blended with selected solid lubricants which develop a tenacious low friction film with an excellent load carrying capacity. It is further fortified with specially selected friction modifiers to control the wear under high stress conditions at slow to medium speeds.

AREA OF APPLICATION

Specially developed for universal joints in cardon shafts in Steel Plants.

Also recommended for ball joints, constant velocity joints, axles, linkages etc. alongwith all applications involving metal to metal lubrication under slow to medium speeds and high load.

BENEFITS

- ➔ Excellent long term lubricant.
- ➔ Increases component life by reduction in wear and tear.
- ➔ Protects from rust and corrosion.
- ➔ Compatible with select grade* of rubbers and polymers.

**- User is advised to get the rubber and polymer compatibility verified prior to standardization of the grease.*

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.



Sr	CHARACTERISTICS	TYPICAL VALUES
1.	Appearance	Smooth Homogeneous Grease
2.	Base	Multimetal Complex
3.	Colour	Black to Gray Black <i>(Minor variation in shade has no effect on the performance of the product)</i>
4.	Specific Gravity	0.9 ± 0.05
5.	Drop Point, °C ASTM D - 566	180°C min
6.	Consistency (NLGI)	# 2
7.	Worked Penetration ASTM D - 217	265 - 295
8.	Base Oil Viscosity (cSt), 40°C ASTM D - 445	150
9.	4 Ball Weld Load, kg ASTM D - 2596	250 Min.
10.	4 Ball Wear Scar, mm ASTM D - 2266	0.59 <i>(typical)</i>
11.	Copper Strip Corrosion ASTM D - 4048	Negative
12.	Water Resistance DIN 51 - 807	0 - 90
13.	EMCOR Rust Test ASTM D - 6138	0,0
15.	Temperature Range	-20°C to 110°C
16.	Additives	Anti-oxidant, Anti-rust Anti-corrosion & E.P.



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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