PRODUCT BULLETIN

# MOSIL BRB – 100

## Multipurpose Moly Grease

Most VERSATILE complex soap based grease blended with Molybdenum disulphide which develops a tenacious low friction film with an excellent load carrying capacity. It is also fortified with additives such as E. P. Rust and Corrosion inhibitor and anti-oxidant to reduce wear, provide good water repellency and oxidation stability.

## 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, Centralised 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, 180 Kg Drum

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**
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Regd Office:166/1, KALANIDHI, Sion(West), Mumbai - 400 022|CIN # U23200 MH 2000 PT C124177

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STUBBORN LUBRICANTS FOR TOUGH APPLICATION

MOSIL LUBRICANTS

| Sr | CHARACTERISTICS | TYPICAL VALUES |
|---|---|---|
| 1. | Appearance | Smooth Homogeneous Grease |
| 2. | Base | Complex Lithium |
| 3. | Colour | Black to Gray Black<br>*(Minor variation in shade has no effect on the performance of the product)* |
| 4. | Specific Gravity | 0.9 ± 0.05 |
| 5. | Drop Point, °C<br>**ASTM D - 566** | 180°C min |
| 6. | Consistency (NLGI) | # 2 |
| 7. | Worked Penetration<br>**ASTM D - 217** | 265 - 295 |
| 8. | Base Oil Viscosity (cSt), 40°C<br>**ASTM D - 445** | 160 |
| 9. | Base Oil Viscosity (cSt), 100°C<br>**ASTM D - 445** | 15 - 18 |
| 10. | 4 Ball Weld Load, kg<br>**ASTM D - 2596** | 315 Min. |
| 11. | 4 Ball Wear Scar, mm<br>**ASTM D - 2266** | 0.49 (typical) |
| 12. | Copper Strip Corrosion<br>**ASTM D - 4048** | Negative |
| 13. | Oxidation Stability (psi) | 0.3 (max) |
| 14. | Water Resistance<br>**DIN 51 - 807** | 0 - 90 |
| 15.. | Additives | Anti-oxidant, Anti-rust<br>Anti-corrosion & E.P. |
| 16. | Temperature Range | -20°C to 180°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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