

MOSIL RBG – 200

(High Performance Grease for Roll Neck Bearings)

MOSIL RBG – 200 is a high performance grease designed specifically for Roll Neck Bearings of Work Rolls of Hot Strip Mills in a Steel Plant. This grease provides exceptional performance in high temperature and high load environment, ensuring smooth operation, reduced downtime and extended bearing life.

Key Features and Benefits

- 1 High-Temperature Stability:**
Operates efficiently at elevated temperatures typical of hot strip mills.
Prevents grease degradation, ensuring consistent lubrication.
- 2 Exceptional Load-Carrying Capacity:**
Formulated to withstand extreme radial and axial loads.
Protects bearings against wear under heavy-duty operations.
- 3 Water Resistance:**
Superior resistance to water washout and emulsification.
Maintains performance in environments exposed to water and steam.
- 4 Anti-Wear and Extreme Pressure (EP) Properties:**
Incorporates advanced additives for superior wear protection.
Reduces risk of equipment failure under extreme conditions.
- 5 Oxidation Resistance:**
Ensures long-term stability, reducing the need for frequent re-lubrication.
Protects bearings from corrosion and rust.
- 6 Reduced Friction:**
Enhances energy efficiency by minimizing friction losses.
Improves overall operational efficiency.

Recommendation for Usage

- 1 Apply directly to roll neck bearings using an automated lubrication system or manual application.
Ensure bearings are clean and free from contaminants before application.
Reapply as per the recommended maintenance schedule for optimal performance.

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.

Mosil Lubricants Private Limited

Technical Services Dept: "ANIRA" Plot No. A-791/3, MIDC Khairne, Navi Mumbai - 400710. INDIA
T: +91 22 2464 0500 /0501 | F: +91 22 2778 8505 | E: corporate@mosil.com | W: www.mosil.com
Regd Office:166/1, KALANIDHI, Sion(West), Mumbai - 400 022 | CIN # U23200 MH 2000 PT C124177



PRODUCT BULLETIN

Sr	<u>Characteristics</u>	<u>Typical Values</u>
1	Appearance	Smooth Homogenous Grease
2	Base	Mineral Oil, Lithium Complex
3	Colour	Black to Grey Black
4	Drop Point, °C ASTM D - 2265	240 (min)
5	Consistency (NLGI)	# 1 - 2
6	Worked Penetration ASTM D - 217	280 - 310
7	Water Washout (%) ASTM D - 1264	5 (max)
8	Copper Strip Corrosion ASTM D - 4048	Negative
9	Base Oil Viscosity (cSt), 100°C ASTM D - 445	17 - 19
10	4 Ball Weld Load, kg ASTM D - 2596	400 (min)
11	Oxidation Stability, RSSOT@160°C, min ASTM D - 8206	278
12	EMCOR Rust Test ASTM D - 6138	0 - 0
13	Timken OK Load (lbs) ASTM D - 2509	55
14	Temperature Range	-20° C to 160° 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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