

# MasterRoc<sup>®</sup> EPB 11

Multi-Purpose EP2 Grease for Tunnel Boring Machines

## Material Description

**MasterRoc<sup>®</sup> EPB 11** is a multi-purpose lithium thickened EP2 grade grease designed for main bearing lubrication, as a screw conveyor drive assembly grease and as a rotary swivel grease.

## Characteristics and Benefits

- Contains antioxidants, corrosion inhibitors and EP/AW additives.
- Offers good mechanical stability, load carrying capacity and corrosion protection, which makes it suitable for loaded bearings as well as wet environments.
- High quality multipurpose grease suitable for a wide range of plain and rolling bearings.

## Packaging

**MasterRoc<sup>®</sup> EPB 11** is available in standard 230 kg or 60 kg steel drums for press plate pumps.

## Storage and Shelf Life

MasterRoc<sup>®</sup> EPB 11 should be stored at 5 - 35°C. If stored in original tightly closed containers it has a shelf life of 12 months.

## Safety Precautions

MasterRoc<sup>®</sup> EPB 11 is not hazardous and poses no threat to worker safety or the environment. However, it is recommended that all normal precautions be taken when handling the product, such as the use of eye protection and gloves.

## Health and Safety

For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

Technical Properties	
Form	Homogenous paste
Color	Yellowish-brown
Specific Gravity (20°C)	Approx. 950 kg/m <sup>3</sup>
NLGI Grade	2
Consistency (ISO 2137) (1/10 mm)	265 - 295
4-Ball Wear (DIN 51350:5) (mm)	0.5
Dropping Point (IP 396) (°C)	> 180
Base Oil Viscosity (40°C) (ISO 12058)	200 mm <sup>2</sup> /s
Base Oil Viscosity (100°C) (ISO 12058)	15 mm <sup>2</sup> /s
Temperature Range	-30°C to 120°C
4-Ball Weld Load (DIN 51350:4)	2600 N
Lubricating Ability SKF R2F test A + B	Pass
Water Resistance (DIN 51807/1)	0 - 90
Flash Point (base oil)	> 150°C

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As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapor until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

## Disclaimer

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. **MBT Teknik Yapı Kimyasalları Sanayi ve Ticaret A.Ş.** is only responsible for the quality of the product **MBT Teknik Yapı Kimyasalları Sanayi ve Ticaret A.Ş.** is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones.

## Contact

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