

# MasterRoc<sup>®</sup> EPB 1

Formerly MEYCO EPB 1

Multi-purpose EP2 grease for Tunnel Boring Machines (TBM)

## Product description

MasterRoc EPB 1 is a highly biodegradable multi-purpose calcium thickened EP2 grade grease designed for main bearing lubrication, as a screw conveyor drive assembly grease and as a rotary swivel grease.

## Features 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 EPB 1 is available in standard 230 kg and 60 kg steel drums for press plate pumps.

## Technical data

<b>Form</b>	Homogenous paste
<b>Colour</b>	Light brown
<b>NLGI Grade</b>	2
<b>Density [kg/m<sup>3</sup>] 20°C</b>	Approx. 930
<b>Consistency</b> ISO 2137 [1/10 mm]	265-295

<b>4-ball wear</b> DIN 51350:5 [mm]	0.5
<b>Base oil viscosity (40°C)</b> ISO 12058	130 mm <sup>2</sup> /s
<b>Base oil viscosity (100°C)</b> ISO 12058	24 mm <sup>2</sup> /s
<b>Temperature range</b>	-20°C to 100°C
<b>4 ball weld load</b> DIN 51350:4	2800 N
<b>Lubricating Ability</b>	SKW R2F test A + B
<b>Water resistance</b> DIN 51807/1	0-90
<b>Water wash out</b> ISO 11009 (1h 80°C)	5%
<b>Biodegradation</b> OECD 301 B	> 80%

## Storage

MasterRoc EPB 1 should be stored at 5 - 35°C. If stored in original tightly closed drums it has a shelf life of 12 months.

## Safety precautions

MasterRoc EPB 1 is not hazardous. It is ecologically and environmentally friendly 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.

The information given here is true, represents our best knowledge and is based not only on laboratory work but also on field experience. However, because of numerous factors affecting results, we offer this information without guarantee and no patent liability is assumed. For additional information or questions, please contact your local representative.

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