

MasterRoc[®] EPB 11

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

Material Description

MasterRoc 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 EPB 11 is available in standard 230 kg and 60 kg steel drums for press plate pumps.

Technical Data

Form	Homogenous paste
Color	Yellowish-brown
NLGI Grade	2
Density [kg/m ³] 20°C	Approx. 950
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 ² /s
Base oil viscosity (100°C) ISO 12058	15 mm ² /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

Storage

MasterRoc EPB 11 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 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.



MasterRoc[®] EPB II

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Disclaimer

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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