

MasterRoc[®] EPB 11

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

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.

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 11 is available in 180kg steel drums for press plate pumps.

TECHNICAL DATA*

| | |
|--|------------------------|
| Form | Homogenous paste |
| Colour | Yellowish-brown |
| NLGI Grade | 2 |
| Density [kg/m³] 20°C | Approx. 950 |
| Consistency ISO 2137 [1/10 mm] | 265-295 |
| 4-ball wear DIN 51350:5 [mm] | 0.5 |
| 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.

* Properties listed are based on laboratory controlled tests.

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NOTE

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