

MC-Montan Support MB L1

Multipurpose EP2 grease for TBM tunnelling machines.

PRODUCT PROPERTIES:

- Excellent lubricating properties and pumpability.
- Excellent sliding properties.
- Ensures material consistency.

AREAS OF APPLICATION:

- EP2 lubricating grease for the main bearing and screw conveyor of TBM tunnelling machines.

APPLICATION:

- MC-Montan Support MB L1 is a lithium-thickened EP2 grease containing antioxidants, corrosion inhibitors and EP/AW additives.
- MC-Montan Support MB L1 is specially designed for lubricating main bearings and screw conveyor bearings.
- In addition, MC-Montan Support MB L1 is a high-quality multipurpose grease for other industrial applications, offering high adhesion and excellent stability.
- MC-Montan Support MB L1 has been tested under Morkel Freudenberg conditions and for compatibility with NBR NB 248 sealing material.
- The target EP2 consumption is determined by the TBM machine supplier and must be strictly observed.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Density	kg/dm ³	Approx. 0.95	
NLGI grade		2	
Consistency		265 - 295	ISO 2137
Viscosity at 40°C	mm ² /s	200	ISO 12058
Viscosity at 100°C	mm ² /s	15	ISO 12058
4-ball wear	mm	< 0.5	DIN 52350:5
Oil separation at 25°C	%	< 15	ASTM D4049

All data stated are laboratory data.

PRODUCT INFORMATION:

Colour	Light brown
Appearance	Paste
Factory quality control	According to DIN EN ISO 9001
Packaging	180 kg or 50 kg drum
Storage	Void direct sunlight and store on a rack! Can be stored in the original container for 6 months unopened.

NOTE: The information contained in this document is based on our experience and is accurate to the best of our knowledge. However, it is not legally binding. The information may be adapted to specific requirements, individual applications and, in particular, local regulations. Our data are based on generally accepted technical rules, which must be observed during application. We are responsible for the accuracy of this data within the scope of the stated standards and subject to our terms and conditions of sale, delivery and service provision.

Recommendations provided by our employees that differ from the information stated in our technical data sheets are only binding if provided in writing. Generally accepted technical rules must always be observed.

Issued: 01/2024. Technical changes have been made to this edition. Previous editions are no longer valid and must not be used.