

Main Bearing Grease For Shielded Tunnel Boring Machines

Product description

MBG-10 is a sealant with lubricating properties grease (main bearing grease) for tunnel boring machines. It effectively protects the main bearing and prevents material income from the tunneling forehead and lubricates the parts in motion.

Features and benefits

- Excellent adhesion property to whichever surface type, also in presence of humidity, making it therefore resistant to the leaching, also in the case of salt water.
- Does not decompose under the effect of elevated mechanical pressures.
- Suitable for being used on the rotary parts of the main bearing mechanical tunneling machine

Packaging

MBG-10 is packed in 250Kg metal drum.

Storage

MBG-10 should be stored between +10°C and +40°C. Should be stored in its original packaging up to a maximum of 12 months, away from sources of heat and direct exposure to solar radiation at a mentioned temperature. Do not allow the product to freeze, it is recommended that your local representative be consulted prior to the use of any product that has become frozen.

Safety precautions

MBG-10 is hazardous for aquatic life. Do not dispose of this product in the environment. When applying the product, we recommend the use of protective gloves and goggles and to take the usual.

Precautions for handling chemical products. For further information refer to the Material safety data sheet.

Form:	Homogenous paste, fibrous
Color:	Black
Odor:	Slight Odor
Density [kg/m³] 20°C:	1.35 ± 0.05 [g/cm ³]
Consistency	250-280 ISO 2137 [1/10mm]
4-ball Test Welding Point	>800 ASTM D 2596 [kgf]
Water wash out Characteristics @79°C, 1 hrs	1.61 ASTM D 1264 [mass%]
Base Oil:	
Kinematic viscosity 40°C	1096 ASTM D445 [mm ² /s]
Kinematic Viscosity 100°C	106.2 ASTM D445 [mm ² /s]
Viscosity Index	192 ASTM D 2270
Flash Point (Open Cup)	260 ASTM D92 [°C]