

# MEYCO<sup>®</sup> BSG 1

## Main Bearing Sealing Grease (Excluder Grease) for Tunnel Boring Machines

### Product description

MEYCO<sup>®</sup> BSG 1 is excluder grease for tunnel boring machines. It effectively protects the main bearing and prevents water and soil ingress as well as dust ingress into the main bearing sealing.

It is formulated to resist high water and ground pressures, and has excellent lubrication and pumping properties as well as excellent adhesion to all surfaces.

MEYCO<sup>®</sup> BSG 1 is highly biodegradable and is based on re-newable raw materials.

### Features and benefits

- excellent sealing properties
- excellent anti-washout properties
- excellent adhesion to any metal or concrete surfaces
- excellent pumping and lubricating properties
- 'bio-grease': entirely based on re-newable or natural raw materials

### Packaging

MEYCO<sup>®</sup> BSG 1 is packaged in standard 230kg steel drums.

Other drum sizes and pack weights are available on request.

### Technical data (Typical values)

Form	homogenous paste, fibrous
Color	black
Odor	none
Density [kg/m <sup>3</sup> ] 20°C	1200 ± 50
Consistency	250- 280 ISO 2137 [1/10 mm]
4-ball wear	< 0.9 DIN 51350:5 [mm]
Water wash out (38°C)	< 7 ISO 11009 [%]
Water spray off (38°C)	< 10 ASTM D 4049 [%]
Water resistance	0 DIN 51807/1
Sealing elastomer compatibility	approved by Merkel, J. Walker
Flash point (base oil)	> 285°C
Biodegradation (base oil)	> 90% CEC-L-33-A-93

### Storage

MEYCO<sup>®</sup> BSG 1 should be stored in unopened, original containers, preferably at 5 - 35°C. Shelf life is expected to be 12 months minimum.

### Safety precautions

MEYCO<sup>®</sup> BSG 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.

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