

EP2 Grease for TBMs

## DESCRIPTION

TamGrease BL11 is a lithium thickened multi-purpose EP2 grease for tunnel boring machines. The material is designed to lubricate the main bearing and the screw conveyor drive.

TamGrease BL11 is a high-quality multi-purpose grease for industrial applications and is the primary choice for various types of bearing applications especially in cases with 'lost lubrication'.

## KEY BENEFITS

TamGrease BL11 is a lithium thickened EP2 grease containing antioxidants, corrosion inhibitors and EP/AW additives.

- > Excellent lubricating and pumping properties
- > Good anti-washout properties
- > Strong adhesion to metal surfaces

## TYPICAL APPLICATIONS

TamGrease BL11 is suitable for the following tunnel boring machines:

- > EPB TBMs
- > Slurry TBMs
- > Hard Rock TBMs

## TECHNICAL DATA

TamGrease BL11	
Appearance	Yellow brown smooth paste
NLGI grade (ASTM D 217)	2
Density (20°C) kg/m <sup>3</sup>	approx. 950
Consistency (ISO 2137)	265 – 295
4 ball weld load (DIN 52350:4) N	2600
Water washout 38°C (ISO 11009) %	< 10
Merkel Agreement	Yes

## APPLICATION GUIDELINES

The TBM supplier indicates the consumption of the EP2 grease. This consumption rate must be followed.

## PACKAGING

TamGrease BL11 is supplied in 180 kg drums designed to fit the TBM press plate system.

## STORAGE

TamGrease BL11 should be stored in unopened, original drums, preferably at 5 - 35°C. If these conditions are maintained and the product packaging is unopened, a shelf life of one year can be expected.

## HEALTH & SAFETY

TamGrease BL11 should only be used as directed. We always recommend that the Safety data sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety data sheet is available upon request from your local Normet representative.

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue.