

PRODUCT DATA SHEET

Sika® Stabilizer-2032 TBM

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

DESCRIPTION

Sika® Stabilizer-2032 TBM is a high quality multipurpose grease suitable for a wide range of plain and rolling TBM main bearings, designed for main bearing lubrication, as a screw conveyor drive assembly grease and as a rotary swivel grease.

USES

Sika® Stabilizer-2032 TBM is suitable for pumping in any type of TBM with the most common press plate pumps currently on the market.

CHARACTERISTICS / ADVANTAGES

- Offers good mechanical stability, load carrying capacity and corrosion protection, which makes it suitable for loaded bearings as well as wet environments
- Wash-Out resistant
- Pumpable
- Environmentally friendly
- Pressure resistant
- Compatible with greases
- Excellent lubrication

PRODUCT INFORMATION

Chemical Base	Synthetic multipurpose Calcium-thickened EP2		
Packaging	230 kg steel drums for press plate pumps		
Shelf Life	12 months from date of production		
Storage Conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +35 °C. Always refer to packaging.		
Appearance / Colour	Homogeneous fibrous paste, yellowish-brown		
Density	~ 0.900 - 1.00 kg/L		
Flash Point	> 150 °C		(Oil based)
Viscosity	Base oil viscosity (40°C)	200 mm ² /s	ISO 12058
	Base oil viscosity (100°C)	15 mm ² /s	ISO 12058
Consistency	280 ± 15 (+20 °C)		(ISO 2137)

TECHNICAL INFORMATION

Specific Advice	4-ball wear [mm]	0.5 (DIN 51350:5)
	Water resistance	0-90 (DIN 51807/1)
	NLGI Grade	2
	Dropping point [°C]	> 180 (IP 396 DIN 51807/1)
	4 ball weld load [N]	2600 (DIN 51350:4)
	Lubricating ability	Pass (SKF R2F, Test A+B)

SYSTEM INFORMATION

Compatibility	Contact Sika Technical Services for additional information.
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APPLICATION INFORMATION

Consumption	Consumption of Sika® Stabilizer-2032 TBM depends on TBM design and operational parameters during tunnelling. Contact Sika Technical Services for additional information.
Product Temperature	Sika® Stabilizer-2032 TBM can be used in application in the following temperature range: -30 °C to +120 °C.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

APPLICATION

Sika® Stabilizer-2032 TBM is pumped by using the standard press plate grease pumps installed in the TBM.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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LEGAL NOTES

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