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Lubrication Grease for TBM
Approval list for seal material 85 NBR B248

We have carried out seal material resistance tests with various grease types and our seal material 85 NBR B248. This material is used e.g. for special shaft seals (Type 1626, 1627, 1628, 2820, 2927 and 2821) in TBM-applications. The following grease types are suitable with seals made of 85 NBR B248 up to a work temperature of 60°C

Please note: These indications are only referring to the seal material resistance. The grease performance (e.g. antiwear properties, corrosion protection, ageing behaviour etc.) can not be tested by us.

Please note: Do not use grease with solid particles (e.g. MoS₂, Graphite etc.) for seal lubrication.

Please note: The mixture of different grease types can change the grease performance and the seal material resistance. The change of grease performance can not be estimated by us. The change of seal material resistance has to be tested with a particular mixture, when in doubt.

Manufacturer and Name

Base Oil

Blaser Blasolube 472 und 492	Mineral Oil
Blaser Blasolube 28282	Mineral Oil
Blaser Blasolube 422-01	Ester Oil
Blaser Blasolube 422-02	Ester Oil
ChevronTexaco Multifak EP2	Mineral Oil
Condat GR130-680 EP2	Mineral Oil
Condat GR225	Synthetic Ester Oil
Condat HBW *	Synthetic Oil
Condat GR 217 S	Synthetic Oil
DEA Dolon E EP2	Synthetic Ester Oil
BASF Meyco EPB 1	Vegetable Oil
BASF Meyco EPB 11	Mineral Oil
BASF Meyco Fix BSG 1 *	Rape Oil

*: used only as excluder grease !

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Manufacturer and Name

BASF Meyco Fix BSG 11 *

Fuchs Plantogel 2 N

Fuchs Dea Plantogel 2 S

Klüber Klüberbio M32-82

Klüber Klüberbio M72-82

Mapei Mapeblox H

Mobil Mehrzweckfett UF2

Olipes Maxigras 48

Quaker Quaseal 500

Repsol Grasa Tuneladora

Rhenus Noran TBM 25

Rhenus Norlith LZW 25

Rhenus Norlith LZP2

Rhenus Norlith LBW25

Shell Alvania EPB 2

Total Multis WR2

SMAZKA.RU MC 1330 *

SMAZKA.RU MC 1500

Whitmore's Earthkeeper EP2

Base Oil

Mineral Oil

Rape Oil

Synthetic Oil

Synthetic Ester Oil

Synthetic Ester Oil

Synthetic Ester Oil

Rape Oil

Mineral Oil

Rape Oil

Mineral Oil

Natural Ester Oil

Mineral Oil

Mineral Oil

Synthetic Ester Oil

Synthetic Ester Oil

Mineral Oil

Mineral Oil

Mineral Oil

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