



Contact:: H. Guhr
Dept.: AE (Application Engineering)
Phone: +49 (0)40 753 06 259
Fax: +49 (0)40 753 06 395
E-Mail: holger.guhr@freudenberg-ds.com
Date: 15. October 2010

Lubrication Grease for TBM
Approval list for seal material 94 AU 925.00

We have carried out seal material resistance tests with various grease types and our seal material 94 AU 925.00. This material is used e.g. for special shaft seals (Type 8101, 8099) in TBM-applications.

The following grease types are suitable with seals made of 94 AU 925.00 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

BASF Meyco EPB 1

Vegetable Oil

BASF Meyco EPB 11

Mineral Oil

BASF Meyco Fix BSG 11 *

Mineral Oil

Fuchs Plantogel 000S

Ester Oil

Fuchs Plantogel 2 N

Rape Oil

SMAZKA.RU MC 1330 *

Mineral Oil

SMAZKA.RU MC 1500

Mineral Oil

Whitmore's Earthkeeper EP2

*: used only as excluder grease !