



GREASE 4600

BIO SEALING GREASE

Description

GREASE 4600 is a readily biodegradable lubricating grease based on a special calcium soap. GREASE 4600 is primarily used as sealing grease for main bearing seals in the front section of tunnel driving machines. The grease has a very good sealing effect based on its consistency (NLGI2/3) and the high base oil viscosity.

Advantages

- Very good adhesion
- Oxidation-resistant
- Good working stability
- High pressure-absorbing capability
- Very good resistance to hot and cold water
- Good corrosion protection characteristics

Field of application

GREASE 4600 is mainly used to provide continuous lubrication for main bearing seals in the front section of tunnel driving machines.

Specifications

ME 2-3 G -20 in accordance with DIN 51502

Technical data

Properties	Unit	Test according to	Values
Thickener			Ca-12-hydroxystearate
Worked penetration	0,1 mm	DIN ISO 2137	250-270
NLGI class		DIN 51818	2-3
Drop point	°C	DIN ISO 2176	ca. 130
Colour		DIN ISO 2049	light brown
Base oil type			vegetable base
Base oil viscosity at 40 °C	mm ² /s	DIN ISO 3104	ca. 600
Temperature operating range	°C		-20 to +100
Water resistance		DIN 51807/T1	0 - 90
Corrosion test to EMCOR		DIN 51802	0
Biological degradability	%	OECD 301B	>60

Water hazard class: WGK 1
Disposal code: EWC 120 112

The above information is subject to change without prior notice, although they are in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available.



MOTOREX AG LANGENTHAL
Industrie-Schmiertechnik
Postfach, CH-4901 Langenthal, Schweiz
Tel. +41 (0)62 919 74 74, Fax +41 (0)62 919 76 96
www.motorex.com

BUCHER AG LANGENTHAL
MOTOREX-Schmiertechnik
Postfach, CH-4901 Langenthal, Schweiz
Tel. +41 (0)62 919 75 75, Fax +41 (0)62 919 75 95
www.motorex.com