



GREASE 5100

LOW-TEMPERATURE GREASE

Description

GREASE 5100 is a special calcium grease based on mineral oil and with a natural colour.

Advantages

- Minimal starting resistance even at low temperatures
- Good working stability
- Good resistance to water
- Good corrosion protection characteristics
- Good adhesion
- Ideal for roller-contact and plain bearings with very high rotational speeds

Field of application

GREASE 5100 is excellent for lubricating roller-contact and plain bearings required to operate at high speeds, as is the case for wood processing machines. The special calcium grease is particularly resistant to water. This means that it can be used in places very exposed to the weather, e.g. signal box motors on rail tracks, garage doors and blinds.

Please note the manufacturer's specifications.

Specifications

K 2 G-50 in accordance with DIN 51502

Note

Speed coefficient of up to 800,000 n d_m

Technical data

Properties	Unit	Test according to	Values
Thickener			calcium
Worked penetration	0.1 mm	DIN ISO 2137	265 - 295
NLGI class		DIN 51818	2
Drop point	°C	DIN ISO 2176	> 145
Colour		DIN ISO 2049	natural
Base oil type			mineral
Base oil viscosity at 40 °C	mm ² /s	DIN ISO 3104	14
Temperature operating range	°C		-50 to +100
Water resistance		DIN 51 807 Pt. 1	0 - 90

Water hazard class: WGK 1

Disposal code: VeVA/EWC 120 112

The above information is subject to change without prior notice, although it is 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, Switzerland
 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, Switzerland
 Tel. +41 (0)62 919 75 75, Fax +41 (0)62 919 75 95
www.motorex.com