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LUBRITECH
Special Application Lubricants

# GLEITMO 700

## Molybdenum disulphide paste based on synthetic oil

### Performance Features

- **temperature range: -40 / +400 °C**
- **at temperatures > 200 °C absolutely dry lubrication by the solid lubricants**
- **preferably for high temperatures and components which are not resistant to mineral oil**
- **facilitates assembly and disassembly**
- **protects sliding surfaces from running-in damage**
- **permits limited but useful lubrication at temperatures up to app. +400 °C where all oils or greases cannot be used**
- **leaves no troublesome residues at high temperatures**


high temperatures


furnace car bearing


assembly, running-in

### Description

GLEITMO 700 is an assembly and lubricating paste on the base of a synthetic oil with a very high proportion of molybdenum disulphide. At temperatures above 200 °C the synthetic oil just produces little residues which impair further lubrication only slightly compared with mineral oil. In addition, it has the advantage of not attacking most components which are not resistant to mineral oil. After evaporation of the synthetic oil a dry lubricating film prevents seizure and permits low-wear operation. This type of lubrication is used only for slow movements.

### Field of application

GLEITMO 700 is used for all fields of lubrication in the high temperature range. Lubrication at temperatures which exclude oils and greases, e.g. furnace car bearings (plain and roller bearings). Furthermore GLEITMO 700 is suitable for assembly and running-in applications. GLEITMO 700 is used for conveyor rollers and converters in steel plants.



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DIN EN ISO 9001:2008
Certified Quality Management System

## Method of application

GLEITMO 700 is not a grease! Apply a thin film only using a rigid brush. Degrease sliding surfaces prior to applying GLEITMO 700 for assembly purposes. Roller bearings: dab the guideway between the rolling elements, turn the bearing briefly, avoid excess. Please contact us if you intend to use GLEITMO 700 with feeding devices.

## Technical Data: GLEITMO 700

| Characteristics | Value | Unit | Test Method |
|---|---|---|---|
| Colour | black | | |
| Temperature range | -40 / +400 | ° C | LLS 134 |
| Base oil | syn | | |
| Solid lubricants | MoS2 | | |
| Base oil viscosity [40°C] | 180 | mm²/s | DIN 51562-1 |
| NLGI grade | 1 | | DIN 51818 |
| Penetration | 310-340 | 1/10 mm | DIN ISO 2137 |
| Dropping point | without | | DIN ISO 2176 |
| EMCOR [dist. Water] | 0/0 | rating | DIN 51802 |
| Screw test [M12/8.8/blackened] | | | DIN EN ISO 16047 |
| Friction coefficient µges | 0,10 | | |
| Thread friction value µG | 0,07 | | |
| Top friction value µK | 0,12 | | |

LLS = LUBRITECH Laboratory Specification
Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users.
FUCHS LUBRITECH provides service and individual advice. Please contact us!
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