

## GLEITMO 805

**White high-performance paste assembly and long-term lubrication under extreme conditions**

### Performance Features

- temperature range: -30 / +110 °
- separates components under extreme pressure conditions
- generates a low coefficient of friction
- adheres extremely well
- protects against corrosion and is water-resistant
- prevents fretting corrosion
- avoids stick-slip and seizing



slide shafts



chucks



ball joints

### Description

GLEITMO 805 is a high-performance paste based on a semi-synthetic oil with a synergetically effective combination of highly effective white solid lubricants.

### Field of application

GLEITMO 805 can be used for machine elements of all types, simultaneously subject to extreme pressures, shock loads and vibratory or oscillatory movements. For paired sliding surfaces which have a tendency to stick-slip and seizure. For low sliding speeds and high pressures, if fretting corrosion occurs. GLEITMO 805 is particularly suitable for the lubrication of lathe chucks and clamping elements. Further typical applications: plastic gears, gaskets of industrial shock suppressors, spindles, big armatures, sliding guides, sliding bearings, oscillating bolts of construction machinery, ball joints, low-speed worm gears, etc. It is suitable as a general assembly paste.

# Product Information

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## Method of application

Clean the surfaces if possible and apply GLEITMO 805 with a brush or a lint-free cloth.

## Technical Data: GLEITMO 805

| <u>Characteristics</u>            | <u>Value</u>   | <u>Unit</u>        | <u>Test Method</u> |
|-----------------------------------|----------------|--------------------|--------------------|
| Color                             | beige          |                    |                    |
| Temperature range                 | -30 / +110     | ° C                | LV0124             |
| Base oil                          | semi-synthetic |                    |                    |
| Thickener                         | Li             |                    |                    |
| Solid lubricants                  | white          |                    |                    |
| Base oil viscosity [40°C]         | 105            | mm <sup>2</sup> /s | DIN 51562-1        |
| 100% rel. humidity; 30 °C; AHT    | >30            | cycles             | DIN EN ISO 6270-2  |
| NLGI grade                        | 2              |                    | DIN 51818          |
| Water rinse out test [3 h, 40 °C] | -2,1           | %                  | DIN 51807          |
| Dropping point                    | >130           | ° C                | IP 396             |
| Water resistance                  | 1-90           | rating             | DIN 51807-1        |
| Flow pressure [-20 °C]            | <1,000         | hPa                | DIN 51805          |
| Copper strip test [24 h / 100°C]  | 1b             | rating             | DIN 51811          |
| EMCOR [dist. Water]               | 0/1            | rating             | DIN 51802          |
| Almen-Wieland scuffing load       | >10            | kN                 | LV0029             |

LV = 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. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. 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 LUBRICANTS GERMANY provides service and individual advice. Please contact us!

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