

GLEITMO 805

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

Performance Features

- temperature range: -20 / +110 °
- withstands extreme pressures
- results in low coefficients of friction
- reduces wear to a minimum
- 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 mineral 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 furthermore suitable as a general assembly paste. Wherever a high adhesive power of the lubricant and best lubrication properties are required. Due to the high

Product Information



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content of solid lubricants only suitable for low-speed antifriction bearings.

Method of application

Clean the surfaces if possible and apply GLEITMO 805 with a brush or a lint-free cloth. Otherwise, application as usual for greases.

Note

GLEITMO 805 has the German Railway material no. "DB Material-Nr. 823600".

Technical Data: GLEITMO 805

Characteristics	Value	Unit	Test Method
Colour	beige		
Temperature range	-20 / +110	° C	LLS 134
Base oil	min		
Thickener	Li		
Solid lubricants	white		
Base oil viscosity [40°C]	185	mm²/s	DIN 51562-1
Corrosion protection properties			
100% rel. humidity; 30 °C; AHT	>30	cycles	DIN EN ISO 6270-2
NLGI grade	2		DIN 51818
Oxidation stability [100 h, 100 °C]	0,90	bar	DIN 51808
Water rinse out test [3 h, 40 °C]	-2,1	%	DIN 51807
Dropping point	130	° C	DIN ISO 2176
Water resistance	0-90	rating	DIN 51807-1
Flow pressure [20 °C]	appr. 160	hPa	DIN 51805
Copper strip test [24 h / 100°C]	1a	rating	DIN 51811
EMCOR [dist. Water]	0/0	rating	DIN 51802
Four Ball Test welding load	>3,000	N	DIN 51350-4
TIMKEN OK-load	40	lbs	ASTM D 2509
Almen-Wieland scuffing load	>18	kN	LLS 060

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

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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 LUBRITECH provides service and individual advice. Please contact us!
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