

GLEITMO 585 M

Heavy-duty paste with white solid lubricants

Performance Features

- temperature range: -25 / +120 °C
- provides extensive protection against wear - even with shock load and oscillatory movement
- reduces fretting corrosion
- provides excellent corrosion protection
- permits long lubrication intervals
- very resistant to ageing
- permits heavy-duty machines and systems to function reliably



anticorrosive



roller bearings



plain bearings

Description

GLEITMO 585 M is a high-grade lithium-soap paste based on mineral oil. It contains a synergetic combination of white solid lubricants which cushion shock loads and reduce wear. GLEITMO 585 M helps to prevent fretting corrosion and permits long lubrication intervals.

Field of application

GLEITMO 585 M is used for heavy-duty bearings and lubrication points of all types. It is also suitable for lubrication points subject to the risk of fretting corrosion or exposed to oscillatory movements or vibration. GLEITMO 585 M is excellently suited for the lubrication of universal-joint shafts. Owing to the white coloration, GLEITMO 585 M is also used in applications involving clean conditions, amongst others in textile and paper processing as well as filling and packaging machines.

Method of application

Regarding bearings which only rotate very slowly the housing can be filled entirely with GLEITMO 585 M. GLEITMO 585 M can be pumped with automatic lubrication devices. Do not mix with greases on a different soap base. Please consult us in case of doubt!

Technical Data: GLEITMO 585 M

Characteristics	Value	Unit	Test Method
Color	beige		
Temperature range	-25 / +120	° C	LV0124
Base oil	min		
Thickener	Li		
Base oil viscosity [40°C]	100	mm ² /s	DIN 51562-1
Working stability / penetration drop after:			
10 000 double strokes	appr. 15	1/10 mm	
100 000 double strokes	max. 30	1/10 mm	
NLGI grade	2		DIN 51818
Dropping point	>=170	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
Flow pressure [20 °C]	appr. 78	hPa	DIN 51805
Flow pressure [-10 °C]	appr. 350	hPa	DIN 51805
Flow pressure [-20 °C]	appr. 1000	hPa	DIN 51805
EMCOR [dist. Water]	0/1	rating	DIN 51802
Four Ball Test welding load	5500 / 6000	N	DIN 51350-4
Almen-Wieland scuffing load	> 18	kN	LV0029
Friction coefficient	appr. 0,10		LV0029
FAG-FE 9 test A/1500/6000-120	F50 > 300	h	DIN 51821

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

Product Information



LUBRITECH
Special Application Lubricants

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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