GLEITMO 585 K

Heavy-duty paste with white solid lubricants

Performance Features

- **temperature range: -45 / +130 °C**
- **provides extensive protection against wear, even when subject to shock load and oscillatory movement**
- **prevents fretting corrosion**
- **provides excellent corrosion protection**
- **permits long lubrication intervals**
- **very resistant to ageing**
- **permits machines and systems subject to extreme stress to function reliably**

EP properties | low temperatures | anticorrosive | roller bearings | plain bearings

Description

GLEITMO 585 K is a high-grade lithium-soap paste on a synthetic oil basis. It contains a synergetically effective combination of white solid lubricants which damp shock loads and reduce wear. GLEITMO 585 K helps to prevent fretting corrosion and permits long lubrication intervals.

Field of application

GLEITMO 585 K is used for bearings and lubrication points of all types subject to particularly stringent requirements. For lubrication points subject to risk of fretting corrosion or exposed to oscillatory movements and vibration. Owing to the white coloration, GLEITMO 585 K is also used in applications involving clean conditions, amongst others in textile and paper processing and filling and packaging machines.

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Method of application

Roller bearings: fill free space in bearing and in housing only to approximately 30 to 50 % with GLEITMO 585 K. Regarding bearings which rotate only very slowly the housing can be filled entirely with GLEITMO 585 K. GLEITMO 585 K 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 K

Characteristics	Value	Unit	Test Method
Reference	KPFHC2K-40		DIN 51502
Color	beige		
Temperature range	-45 /+130	° C	DIN 51825
Base oil	syn		
Thickener	Li		
Solid lubricants	white		
Base oil viscosity [40°C]	50	mm²/s	DIN 51562-1
Working stability / penetration drop after:			
100 000 double strokes	max. 40	1/10 mm	
NLGI grade	2		DIN 51818
Moisture content	<0,1	%	DIN ISO 3733
Dropping point	>180	° C	IP 396
Water resistance	0-90	rating	DIN 51807-1
Oil separation [40 °C, 7 d]	<5	%	DIN 51817
Flow pressure [-40 °C]	1100	hPa	DIN 51805
Copper strip test [24 h / 100°C]	1	rating	DIN 51811
EMCOR [dist. Water]	0-0	rating	DIN 51802
FAG-FE 8 test [ang. cont ball 7.5 min-1/80 kN]	mw10=3.2 mw50=6.3	mg	E DIN 51819
Qualitative rating	very good		
FAG-FE 9 test A/1500/6000-130	F50>200	h	DIN 51821

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

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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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