

# Product Information

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## LAGERMEISTER XXL

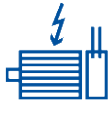
Special long-term lubricating grease with a wide range of applications

### Performance Features

- temperature range: -20 / +160°C, short-term up to +180°C
- extremely wide temperature range
- high pressure resistance
- excellent protection against wear
- stringy
- water-resistant
- protects against corrosion
- worked stability at alternating loads and speeds



high temperatures



electric motors



construction machinery



roller bearings



plain bearings



EP properties

### Description

LAGERMEISTER XXL is an all-round grease, based on an especially selected mineral oil in combination with a special polyurea to achieve its consistency. LAGERMEISTER XXL additionally contains a high-tech additive package providing the grease with excellent pressure resistance and ageing stability.

### Field of application

LAGERMEISTER XXL can be used for lubrication of heavy-loaded plain and roller bearings in any kind of industry, as well as in all types of construction machinery, especially when subjected to severe operating conditions like high loads and elevated temperatures. Typical areas of application for LAGERMEISTER XXL are electric motors, vibrating screens, and crushers. LAGERMEISTER XXL can be used as a universal grease in areas, where currently lithium- or lithium-complex soap greases are used. In these cases, LAGERMEISTER XXL offers the advantage that the relubrication intervals can often be considerably increased. Additionally, the number of different lubricants

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can be reduced by applying LAGERMEISTER XXL, thus reducing the costs for keeping different grades of grease permanently available and also reducing the risk of mix-ups.

## Method of application

LAGERMEISTER XXL can be applied manually with suitable grease guns, via centralised lubrication systems or straight from the cartridge with SYSTEM REINER grease guns.

## Technical Data: LAGERMEISTER XXL

Characteristics	Value	Unit	Test Method
Reference	KP2P-20		DIN 51502
Color	yellow-brown		
Temperature range	-20 / +160	° C	DIN 51825
short term up to	+180	° C	
Base oil	min		
Thickener	PU		
Base oil viscosity [40°C]	180	mm <sup>2</sup> /s	DIN 51562-1
NLGI grade	2		DIN 51818
Dropping point	290	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
Flow pressure [-20 °C]	<1,400	hPa	DIN 51805
Copper strip test	1-100	rating	DIN 51811
EMCOR [dist. Water]	0/0	rating	DIN 51802
Four Ball Test welding load	2,800/3,000	N	DIN 51350-4
TIMKEN OK-load	40	lbs	ASTM D 2509
FAG-FE 8 test [tap.roll 75 min-1/50 kN]	mw50=7, mk50=50	mg	E DIN 51819
qualitative rating	good		
FAG-FE 9 test A/1500/6000-160	F50>100	h	DIN 51821

LV = 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 LUBRICANTS GERMANY provides service and individual advice. Please contact us!  
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