

## LAGERMEISTER WHS 2002

### White high-performance EP grease

#### Performance Features

- temperature range: -20 / +120 °C, short-term up to +140 °C
- very good adhesion
- good corrosion protection
- work-stable
- very good protection against wear
- good water resistance
- stringy; seals well
- excellent lubricant for steel/plastic and plastic/plastic sliding combinations



plain bearings



roller bearings



sliding pairings  
plastic/steel



water-resistant



EP properties



construction  
machinery

#### Description

LAGERMEISTER WHS 2002 is a mineral oil-based, lithium-soap EP grease which is free of heavy metal and chlorine compounds. The lubricant's excellent lubricity is achieved by the use of PTFE with a careful selection of solid, white lubricants and heavy metal-free additives.

#### Field of application

Due to its excellent adhesion and EP properties, LAGERMEISTER WHS 2002 is recommended for the lubrication of plain and roller bearings operating in harsh conditions (e.g. dust, water, vibration etc.). For manual or central relubrication operations on machines in conveying technology including construction machinery, cranes, processing plants in the raw materials, chemical and engineering industries. It is excellently suited for the lubrication of sliding surfaces and plastic slide plates of telescopic cranes, and as for the exterior protection for wire ropes.

LAGERMEISTER WHS 2002 FLUID is specially recommended for the lubrication of telescope jibs on mobile

cranes.

## Method of application

LAGERMEISTER WHS 2002 can be applied manually, with a brush or via SYSTEM REINER grease guns. Also available in aerosol cans as LAGERMEISTER WHS 2002 SPRAY and as LAGERMEISTER WHS 2002 FLUID for application using a spray pistol, roller or brush.

## Technical Data: LAGERMEISTER WHS 2002

Characteristics	Value	Unit	Test Method
Reference	KPF1-2K-20		DIN 51502
Colour	white		
Temperature range	-20 / +120	° C	DIN 51825
short term up to	+140	° C	
Base oil	min		
Thickener	Li		
Solid lubricants	white		
Base oil viscosity [40°C]	320	mm <sup>2</sup> /s	DIN 51562-1
NLGI grade	1-2		DIN 51818
Dropping point	190	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
Flow pressure [-20 °C]	730	hPa	DIN 51805
Copper strip test	1-120	rating	DIN 51811
EMCOR [dist. Water]	0/0	rating	DIN 51802
Four Ball Test welding load	2800/3000	N	DIN 51350-4
TIMKEN OK-load	30	lbs	ASTM D 2509

LLS = LUBRITECH 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. 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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