

## FETT 219

Lithium grease with PTFE

### Description

GREASE 219 (FETT 219) is a semi-synthetic lithium complex grease. PTFE and other solid lubricants that function synergetically produce an extremely adhesive and work-stable high-performance lubricating grease. The EP grease offers effective protection against corrosion and wear. Thanks to special additives, GREASE 219 (FETT 219) offers a high VKA welding load and can therefore withstand extremely high pressure.

### Product features

- high proportion of solid lubricants
- excellent emergency running properties
- reliable operation even under extreme impact loads
- first-class corrosion and oxidation protection
- broad working temperature range
- good resistance to water
- work stable

### Field of application

GREASE 219 (FETT 219) is suitable for lubricating roller bearings and slide bearings under high compressive stress at increased bearing temperatures. Especially suitable for use in earth conveying machines as well as all types of construction machinery. Complies with the requirements of well-known manufacturers of construction machinery and vehicles such as Caterpillar, Komatsu, Liebherr, Akermans, O&K and Volvo. Suitable for fifth wheel couplings plastic on metal as well for crane booms and hydraulic supports.

### Notes

Not suitable for fast-turning or pre-stressed roller bearings.

### Specifications

DIN 51502, KPF2P-20

### Technical Data

Properties	Test according to	Unit	Values
Colour			beige
Base oil type			semi-synthetic
Thickener			LiK
Viscosity			NLGI 2
Description DIN	DIN 51502		KPF 2 P-20
Density at 20 °C		g/cm <sup>3</sup>	0.950
Viscosity at 40°C	DIN 51562-1	mm <sup>2</sup> /s	600.0
Flowing pressure	DIN 51805	hPa	< 850
Flowing pressure temp.		°C	-25
Corrosion test to EMCOR	DIN 51802		0-0
Temperature operating range		°C	-25 - 150
Drop point	DIN ISO 2176	°C	> 230
Worked penetration	DIN ISO 2137	0.1mm	265 - 295
Water resistance	DIN 51807-1		1 - 90

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.