

FETT 218 M

NLGI 2

Lithium grease with MoS2 (3%)

Description

GREASE 218 M (FETT 218 M) is a lithium grease with protective emergency running properties caused by the extremely effective amount of the solid lubricant molybdenum disulphide (MoS₂). From 0.7 to 1.5 μ thick, these tiny pads form an extremely adhesive, completely smooth, resilient film on bearing surfaces, which thereby accounts for these excellent emergency running properties.

Advantages

- high proportion of solid lubricant MoS₂ (3%)
- excellent emergency running properties
- reliable operation even under extreme impact loads
- complies with the specifications of well-known manufacturers
- first-class corrosion and oxidation protection
- broad working temperature range
- good resistance to water

Field of application

GREASE 218 M (FETT 218 M) is suitable for highly loaded, slow-turning ball bearings and tribological pairings. Withstands high levels of stress and has good emergency running properties. Ideal for lubricating bolts and slide bearings with oscillating movements. Suitable for fifth wheel couplings metal on metal.

Application

GREASE 218 M (FETT 218 M) complies with the specifications of well-known manufacturers of construction machinery and vehicles such as Caterpillar, Komatsu, Akermans, O&K, Volvo, Scania and many others that require their machines and vehicles to be lubricated with a grease exhibiting a molybdenum content of 2–5%.

Notes

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

Specifications

KPF2K-20; DIN 51502

Technical data

Properties	Unit	Test according to	Values
Colour			grey-black
Viscosity at 40 °C	mm ² /s	DIN 51562-1	220
Viscosity at 100 °C	mm ² /s	DIN 51562-1	17.5
Viscosity index		DIN ISO 2909	84
Flash point C.O.C.	°C	DIN EN ISO 2592	>250
Base oil type			mineral
Corrosion test to EMCOR		DIN 51802	0-0
Corrosion test on copper	24h/100°C	DIN 51811	1b
Temperature operating range	°C		-20 - +120
Drop point	°C	DIN ISO 2176	>185
Thickener			'Li-12-OHst
Water resistance		DIN 51807-1	1-90
VKA welding load	N	DIN 51350-4	3400
Worked penetration	0.1 mm	DIN ISO 2137	265 - 295

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.

