

perma LOAD L-M 100-2 (SF02)

Previous name: perma Extreme pressure grease SF02


SPECIAL GREASE FOR OPEN GEARS, SLIDEWAYS PLAIN AND ROLLING BEARINGS

perma LOAD L-M 100-2 (SF02) is a highperformance lubricating grease based on mineral oil, lithium soap and MoS₂. It has a good load-carrying capacity and a favourable behaviour under mixed and boundary friction conditions.

perma LOAD L-M 100-2 (SF02) is very adhesive, resistant to water and oxidation, and provides good protection against corrosion. The solid lubricant particles (MoS₂) contained in this product provides additional safety due to their emergency lubrication properties.

Advantages

 **EXTREME PRESSURE GREASE WITH MOS₂**

 **REDUCES WEAR**

 **CAN BE USED IN AUTOMATIC LUBRICATION SYSTEMS**

 **RESISTANT TO WATER**

 **RESISTANT TO AGEING AND OXIDATION**

 **GOOD CORROSION PROTECTION**

 **GOOD EMERGENCY LUBRICATION PROPERTIES DUE TO SOLID LUBRICANT PARTICLES**

Application

perma LOAD L-M 100-2 (SF02) is a special grease for open gears, slideways, plain and rolling bearings. It is particularly effective in all machines and equipment subject to high loads and operating under outdoor conditions, e. g. cranes, locks / sluices, construction machinery.

APPLICATION INFORMATION

perma LOAD L-M 100-2 (SF02) is a lubricant especially developed for perma lubrication systems. To ensure adequate metering and maintenance-free lubrication, this product is only available in perma lubrication system.

SHELF LIFE

Shelf life is approx. 12 months if the product is stored in its unopened original container in a dry and frost-protected place.

PACKAGING

- perma lubrication systems
- Cartridge 400 g
- Pail 1 kg
- Pail 5 kg

Product data

Base oil	Mineral oil
Thickener	Lithium soap / MoS ₂
Base oil viscosity, DIN 51562, at 40 °C, mm ² /s	100
Color	Grey
Density, DIN 51757, at 20 °C, g/cm ³ , approx.	0.87
Drop point, DIN ISO 2176, °C	> 160
Penetration at 25 °C, DIN ISO 2137; 0,1mm approx.	265 - 295
Speed factor, (n x dm), approx.	350,000 mm/min
Consistency, NLGI grade, DIN 51818	2
Service temperature range, °C	- 30 to 120
Flow pressure, DIN 51805, at -30 °C, mbar	< 1.400
Water resistance, DIN 51807, 3 h / 90 °C, rating	1 - 90
Corrosion protection, DIN 51802, Emcor test (1 week, dist. water), corrosion rating	1



Roller bearings



Sliding bearings



Linear guides



Gears