

## LM 47 Long-Life Grease + MoS2

### Description

High quality special grease. The MoS2 content provides the selected base grease with outstanding lubricity and high performance properties that normal grease simply does not have. During operation, a permanently adhering, ultra-thin molybdenum disulfide film forms on the sliding points. This film retains its lubricating action for a long time even after the grease supply completely fails. Extremely long lasting lubricity, transportable in central lubrication systems.

### Properties

- increases operational reliability
- especially resistant to cold and hot water
- good corrosion protection
- can be delivered by centralized lubrication systems
- economical
- universal application
- high resistance to aging
- highest load-carrying capacity
- outstanding lubricating action
- distinctive high-pressure characteristics
- friction and wear reducing

### Technical data

Saponification type	Lithium
NLGI number	2 DIN 51811
Brief description	KPF2K-30 DIN 51502
Worked penetration	265-295 1/10 mm DIN ISO 2137
Dropping point	>180 °C DIN ISO 2176
Oil separation after 7 days at 40 °C	8 % DIN 51817
Oil separation after 18 hours at 40 °C	2,8 % DIN 51817
Flow pressure at -30 °C	<1400 mbar DIN 51805
Emcor corrosion class	1/1 DIN 51802
Copper corrosion after 24 hours at 100 °C	1 b DIN 51818
Behavior in the presence of water	0-90 DIN 51807 Teil 1
Four-ball tester material load/weld force	2800/3200 N DIN 51350 Teil 4
Four-ball tester wear/indentation diameter	0,8 mm DIN 51350 Teil 5
Base oil	mineral



### Technical data

Viscosity at 40 °C	110 mm <sup>2</sup> /s ASTM D 7042-04
Flash point	220 °C DIN ISO 2592
Pour point	-24 °C DIN ISO 3016

### Areas of application

For general use under extreme conditions. For the assembly, maintenance and repair of motor vehicles, machine tools, construction machinery and presses. For high loaded bearings and joints, splined shafts, threads and guides. Suitable for constant velocity (CV) joints.

### Application

As usual for grease. Follow the instructions of the bearing manufacturer.

### Available pack sizes

100 g Tube plastic	1987 D-RUS-UA
100 g Tube plastic	3510 D
400 g Cartridge plastic	1842 D-NL-F-GR-ARAB
400 g Cartridge plastic	3520 D-GB-I-E-P
400 g Cartridge plastic	7574 D-RUS-UA
1 kg Can sheet metal	1843 D-NL-F-GR-ARAB
1 kg Can sheet metal	3530 D-GB-I-E-P
5 kg Bucket plastic	3540 D-GB
25 kg Bucket plastic	3550 D-GB
180 kg Drum sheet metal	2582 D-GB

## Product information

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**Our information is based on thorough research and may be considered reliable, although not legally binding.**