



# Shanghai Jichuan Trading

## LM 47 MoS<sub>2</sub> Heavy Duty Grease

### DESCRIPTION

Multi-purpose grease for high bearing pressure and long-term lubrication. Special additives including MoS<sub>2</sub> guarantee reliable lubrication under extreme conditions.

### PROPERTIES

- universal application
- cold- and hot-water resistant
- distinctive high-pressure characteristics for high load-carrying capacity
- stable to ageing and milling
- reliable corrosion protection
- reduces friction and wear
- cost effective due to high operational safety
- extremely long lubricity
- can be delivered by centralised lubrication systems

Complies with the certification for grease in accordance with DIN 51,502 KPF2K-30

### TECHNICAL DATA

Colour	:	dark grey	
Based on	:	mineral oil	
Thickener	:	Li-12-hydroxystearate	
Base oil viscosity + 40 °C	:		110 mm <sup>2</sup> /s DIN 51,562
MoS <sub>2</sub> content	:	approx. 2.0 wt %	
NLGI class	:	2	
Worked penetration	:	265 - 295	DIN 51,804
Drop point	:	180 °C	
Operating temperature range	:	-35 °C to +120 °C	
EMCOR test	:	0/0 (no corrosion)	DIN 51,802
Water resistance at 90 C	:	1	DIN 51,807
Four-ball test	:	3000 N welding load 2800 N material load	DIN 51,350 P <sub>2</sub> DIN 51,350 P <sub>2</sub>
Timken test, wear under a load of 50 lbs.	:	36.9 mg	DIN 51,434 Part 3

### APPLICATION

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

Shanghai Jichuan Trading Co.,Ltd.

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