

Petromar Lithium Molybdenum Disulphide EP Grease: Enhanced Friction Reduction for Heavy Loads

Petromar Lithium Molybdenum Disulphide EP Grease is designed to offer superior lubrication in high-load and high-pressure applications. Infused with Molybdenum Disulphide (MoS₂), this grease delivers outstanding friction-reducing capabilities, ensuring smooth performance in machinery subjected to extreme stress. Its ability to function under severe conditions makes it ideal for mining, construction, and other heavy-duty industries.

The optimal operating temperature range is from -20°C to +140°C. For applications at elevated temperatures, it is essential to increase the lubrication frequency to ensure continued performance.

Key Features:

- Molybdenum disulphide provides excellent friction reduction, even under heavy loads
- Superior extreme pressure (EP) performance to extend equipment life
- Good mechanical strength and resistance to softening for long-lasting lubrication
- Effective protection against corrosion and great water resistance
- Excellent oxidation resistance for clean, deposit-free performance

Typical Properties:

PARAMETERS	TEST METHOD	UNIT	MOLY EP 2	MOLY EP 3
Soap/Thickener	Lithium Complex with 3% Moly			
Colour	Visual		Dark Grey	Dark Grey
Operating Temperature range, °C	ASTM D217	°C	-20 to 120	-20 to 140
Four ball weld load, N	DIN 51 350-4		280 - 295	280 - 300
Penetration @ 25°C, 0.1 mm	ASTM 27	°C/mm	260-290	220-250
Dropping point, °C	ASTM D566	°C	≥275	≥240
K Viscosity of base oil @ 40°C, mm ² /s	ASTM D445	mm ² /s	160	160
Copper Corrosion, 100 °C, 24 h	D 4048	-	pass	pass

Packaging Options: Our Greases are available in various sizes to suit your needs: 1KG, 15KG, and 180KG

Health and Safety: Find health and safety details in the Safety Data Sheet (MSDS) on our website.

Storage: Store products below 140°F (60°C), away from sparks, flames, and out of children's reach.

Disposal: Protect the environment by properly disposing of used lubricants. Contact us for assistance.