

# Molybdenum Disulfide Lithium Grease (M-LG)



## Product Description

A specialized high-performance lubricant combining lithium soap-thickened grease with molybdenum disulfide (MoS<sub>2</sub>), a layered solid lubricant. It is engineered to deliver exceptional protection under extreme mechanical and environmental conditions.

## Application

Lubrication for heavy-duty machinery or low-speed operations, suitable for mining and construction vehicles/equipment, especially in humid and dusty environments.

All types of industrial plain bearings and rolling-element bearings.

Lubrication of open gear friction surfaces.

## Advantages

Solid film (molybdenum disulfide) lubrication provides exceptional protection for heavy-duty loads and low-speed operations.

Outstanding extreme pressure (EP) and anti-wear properties prolong the service life of bearings and ball joints.

Excellent water resistance and rust protection ensure reliability in harsh environments.

Superior oxidation stability and mechanical stability maintain performance under prolonged stress.

## Typical Characteristics

Item	Test Data	Standard
NLGI	2	ASTM D217
Work Penetration (0.1mm)	285	ASTM D217
Dropping Point (°F/°C)	356/180	ASTM D2265
Evaporation Loss (99°C, 22h), (%)	≤2.0	ASTM D972
Copper Corrosion	1a	ASTM D130
P <sub>D</sub> (N)	2452	ASTM D2783

## Package

17 KG/CTN

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