



## PROTEC MOLY MINERAL

### PRODUCT DESCRIPTION:

Protec Moly are premium quality multi-purpose molybdenum disulfide extreme pressure (EP) greases designed for general industrial applications. It contains an extreme-pressure additive as well as molybdenum disulfide (also known as moly and MoS<sub>2</sub>), which enhances the anti-friction properties of the grease under boundary lubrication conditions. It is water resistant, has excellent oxidation and mechanical stability, and protects against corrosion.

### APPLICATION:

Typical applications in automotive equipment are: chassis, bearings, universal joints, fifth wheels, and ball joints. Also recommended for use in construction equipment such as bulldozers, scrapers, loaders, shovels, etc. Recommended for plain bearings and gears. It also can be used in rolling contact bearings, but is not generally recommended for high-precision rolling contact bearings because of the possibility of molybdenum disulfide building up in the clearances. It has applications in the construction, mining, and farming industries.

### FEATURES & BENEFITS:

- Wide range of industrial and automotive applications
- Fortified with extreme-pressure additives for heavy loads
- Contains molybdenum disulfide for extra protection in oscillating, sliding, or vibrating applications
- Excellent oxidation stability, water resistance, and corrosion protection

### TYPICAL PROPERTIES:

TEST	ASTM METHOD
NLGI Grade	2
Thickener Type	Lithium
Color, Visual	Dark Grey
Base Oil Viscosity, ASTM D 445, cSt @ °40C	150
Texture	Smooth
Penetration, ASTM D217 worked, 60x, mm/10	280
Dropping Point, ASTM D 2265, °C	190
Oil separation test, ASTM D 1742, %	3
Timken OK Load, ASTM D 2509, kg	18
Molybdenum Disulfide, %	3

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [phoenixlubricants.com](http://phoenixlubricants.com)