



## **ProLube® Bio-Molybdenum EP Grease MoS2**

### **Biodegradable EP Lubricating Grease**

**ProLube® Bio-Molybdenum EP Grease MoS2** is a premium quality grease that is biodegradable, water washout resistant, formulated mostly with the best European crop oils and lithium based thickener and extreme pressure additives for extreme performance.

**ProLube® Bio-Molybdenum EP Grease MoS2** meets OECD 301 tests for biodegradability, the USDA content criteria for Biobased labels and is non-bioaccumulative, not toxic to plants, and aquatically non-toxic. Our biodegradable formula reduces damage to the environment. Note: the user of all ProLube® products is responsible for ensuring the use of these products meets the local laws and ordinances.

**ProLube® Bio-Molybdenum EP Grease MoS2** is fortified with molybdenum disulphide for added protection. Its superior lubricity reduces heat, lessens energy consumption and contains extra pressure additives to minimize friction and wear. It delivers High Film Strength common in vegetable oils. Bio-Molybdenum EP Grease MoS2 is made from base oils that offer Higher flash point than petroleum oils for increased safety. It meets the USDA's proposed Biobased content requirement for Biopreferred/Biobased labeling. ProLube® Bio-Molybdenum EP Grease MoS2 uses base oils made from crop oils like rapeseed that offer higher oxidation stability and low temperature flowability.

**ProLube® Bio-Molybdenum EP Grease MoS2** is excellent for extreme pressure applications and heavy load use. It reduces noise and vibrations. Ideal for: switches, overhead cranes, shafts, joints, cog wheels, sliding discs, chassis and fifth wheel, tractors, bulldozers, forklifts, cranes and other industrial equipment that operates in humid environments and under extreme conditions. Bio-Molybdenum EP Grease MoS2 also prevents rust and corrosion. Use in applications specifying a molybdenum disulfide content. Also recommended for environmentally sensitive areas near waterways.

#### **Representative Technical Data:**

NLGI Grade	2
Appearance	Silver to Black
Cone Penetration, Worked 60 Strokes	265-295
Four Ball Wear Scar (mm)	0.55
Four Ball Weld Load (kg)	450
Dropping Point (°C)	+200
Oil Separation	<5%
Base Oil Viscosity at 40°C (cSt)	52
Base Oil Viscosity at 100°C (cSt)	11
Base Oil Viscosity Index	205
Base Oil Flash Point, °C	+329
Operating temperature range, °C	-30 to +145
Base Oil Biodegradability OECD 301F	Pass
Base Oil Aquatic Toxicity OECD 202	Non-toxic, Pass

**Packaging: Please contact ProLube®**

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