



## **ProLube® Bio Multipurpose Lithium EP Grease** **Biodegradable Lubricating Grease on a lithium basis**

**ProLube® Bio Multipurpose Lithium EP Grease** 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 Multipurpose Lithium EP Grease** 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. Note: the user of all ProLube® products is responsible for ensuring the use of these products meets the local laws and ordinances.

**ProLube® Bio Multipurpose Lithium EP Grease** includes additives to minimize friction and wear. It delivers High Film Strength common in vegetable oils and offers superior lubricity and high-temperature stability. The Bio Multipurpose Lithium EP Grease Grease is made from base oils that offer Higher flash point than petroleum oils for increased safety; and excellent oxidation stability. It meets the USDA's proposed Biobased content requirement for the Biopreferred/Biobased labeling. The Bio Multipurpose Lithium EP Grease uses base oils made from crop oils like rapeseed oils that offer higher oxidation stability and low temperature flowability.

**ProLube® Bio Multipurpose Lithium EP Grease** is suitable for the demanding automotive and industrial application. It can be used in a wide range of operating temperatures and the high flashpoint lowers fire hazards, thereby making usage safer. It finds a wide range of usages in light and heavy industries, construction equipment, roadwork machines, mining equipment, ships, as well as passenger cars and trucks. Ideal for: bearings, articulated joints, transmissions, slides, shafts, rollers, cog wheels, water pumps, truck fifth wheel, vehicle chassis and many others. ProLube® Bio Multipurpose Lithium EP Grease is designed for highest severity applications as well as being suitable for environmentally sensitive areas.

### **Representative Technical Data:**

NLGI Grade	2
Appearance	Ivory
Cone Penetration, Worked 60 Strokes	265-285
Four Ball Wear Scar (mm)	0.47
Four Ball Weld Load (kg)	500
Dropping Point (°C)	+195
Water Resistance @80°C (% Loss)	11.6%
Base Oil Viscosity at 40°C (cSt)	90
Base Oil Viscosity at 100°C (cSt)	16
Base Oil Viscosity Index	191
Base Oil Flash Point, °C	+329
Operating temperature range, °C	-42 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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