



ProLube® EPX Bio-Premium Red EP Grease
A Premium Grease for extreme loads and high temperatures – a biodegradable
and water-resistant grease with EP on a lithium complex basis

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

ProLube® EPX Bio-Premium Red 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. 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® EPX Bio-Premium Red EP Grease 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. ProLube® EPX Bio-Premium Red EP Grease 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® EPX Bio-Premium Red EP Grease uses base oils made from crop oils like rapeseed that offer higher oxidation stability and low temperature flowability.

ProLube® EPX Bio-Premium Red EP Grease is suitable for the demanding industrial and mining applications. It withstands all weather conditions, salt water and rinsing with water. It has been created for mechanisms that are exposed to extreme conditions for long periods of time. Created to be used in a wide range of operating temperatures. It reduces noise and vibrations. It is ideal for: wheel bearings, high speed bearings, saws, slides, chains, cog wheels, sprockets, open gear transmissions, rollers, shafts, bolts, sifters, conveyor belts, crushers – this fantastic grease is applicable in all branches of industry and transport; for all conditions that involve extreme pressure and load. ProLube® EPX Bio-Premium Red EP Grease is designed for highest severity applications as well as being suitable for environmentally sensitive areas.

Representative Technical Data:

NLGI Grade	2
Appearance	Red
Cone Penetration, Worked 60 Strokes	265-285
Four Ball Wear Scar (mm)	0.47
Four Ball Weld Load (kg)	500
Dropping Point (°C)	+280
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	205
Base Oil Flash Point, °C	+329
Operating temperature range, °C	-43 to +222
Base Oil Biodegradability OECD 301F	Pass
Base Oil Aquatic Toxicity OECD 202	Non-toxic, Pass

Packaging: Please contact ProLube®

Note to Users: THE DATA PRESENTED IN THIS BULLETIN IS BELIEVED TO BE RELIABLE, AND BECAUSE CONDITIONS OF USE ARE BEYOND OUR CONTROL, PROLUBE® MAKES NO REPRESENTATIONS, GUARANTEES OR WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR AS TO THE CORRECTNESS OR SUFFICIENCY OF DATA HEREIN PRESENTED. EACH USER SHOULD CONDUCT A SUFFICIENT INVESTIGATION TO ESTABLISH THE FITNESS OF ANY PRODUCT FOR ITS INTENDED PURPOSE. NO AGENT, REPRESENTATIVE, OR EMPLOYEE OF THIS COMPANY IS AUTHORIZED TO VARY ANY OF THE TERMS OF THIS NOTICE. TO CONTINUE TO PROVIDE SUPERIOR QUALITY, PROLUBE® RESERVES THE RIGHT TO CHANGE THE COMPOSITION OF ITS PRODUCTS WITHOUT NOTICE.

