



ProLube® Bio Multipurpose Lubricant & Penetrant **Biodegradable Bio-Based Lubricant & Penetrant**

ProLube® Bio Multipurpose Lubricant & Penetrant is a high performance penetrating and lubricating oil for general purpose use. Formulated mostly with the best European crop natural seed oils and select additives, it surpasses the lubricity and performance of conventional lubricants. Its wetting agents help exceed penetration of conventional penetrants for rusty parts.

ProLube® Bio Multipurpose Lubricant & Penetrant 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 Multipurpose Lubricant & Penetrant is made from plant oils with improved safety to surrounding when applied. Designed for multiple applications, our two in one formulation reduces product inventory while providing superior lubricity for improved productivity. Cooler operating temperatures and less smoke allow higher operating speeds and safe for all metals. ProLube® Bio Multipurpose Lubricant & Penetrant does not contain chlorine and has a Higher flash and fire point than petroleum oils for increased safety. Our penetration and lubrication product will help businesses in complying with ISO-14001.

ProLube® Bio Multipurpose Lubricant & Penetrant is excellent for lubricating locks, chains, cog wheels, metal cables, reels, lawnmower parts, hinges, doors, windows, rollers, sewing machines, sliding parts, and air-conditioning parts. It penetrates deeply, loosening mechanisms that are rusty or stuck. It deters water and protects against rust and corrosion – it has excellent dielectric and conservational properties.. ProLube® Bio Multipurpose Lubricant & Penetrant It is excellent as a cooling agent when working with metal – while drilling, milling, threading, reaming, cutting and grinding.

Representative Technical Data:

	Value	Test Method
Appearance	Light Yellow	Visual
Four Ball Wear Scar (mm)	0.47	ASTM D 4172
Four Ball Weld Load (kg)	250	ASTM D 2596
Pin & Vee Block Test (kg)	1513	ASTM D 3233 A
Pour Point °C	-22	ASTM D 97
Base Oil Viscosity at 40°C (cSt)	40	ASTM D 445
Base Oil Viscosity at 100°C (cSt)	8.5%	ASTM D 445
Base Oil Flash Point, °C	+312	ASTM D 92
Base Oil Fire Point, °C	+350	ASTM D 92
Rust Prevention (Distilled)	Pass; None	ASTM D 665 A
Rust Prevention (Syn. Seawater)	Pass; None	ASTM D 665 B
Base Oil Biodegradability	Pass	OECD
Base Oil Aquatic Toxicity	Non-Toxic	Daphnia

Packaging: Please contact ProLube®

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