



ProLube® Bio Penetrant & Rust Inhibitor **Biodegradable BioBased Penetrant & Rust Inhibitor**

ProLube® Bio Penetrant & Rust Inhibitor is a high performance penetrant for general purpose use and is designed to penetrate and loosen even the most corroded and rust-tight metal parts. Formulated with the best optimized natural seed oils and select additives, it is safe for all metals and performs better than conventional penetrants.

ProLube® Bio Penetrant & Rust Inhibitor 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 Penetrant & Rust Inhibitor is made from renewable bio-based vegetable oils that are healthier for the surrounding environments when applied. It deters water and the oily residue protects from rust and corrosion. The flash point is more than 2X higher than most conventional penetrants. It meets the USDA's proposed Biobased content requirement for the Biopreferred/Biobased labeling.

ProLube® Bio Penetrant & Rust Inhibitor breaks apart rust and corrosion freeing frozen parts. It creeps in all directions attacking rust in those difficult to reach areas. Its superior lubricity keeps parts moving. For the toughest jobs soak for 2-3 days, occasionally tapping on the part. After a few days it will be ready for removal. ProLube® Bio Penetrant & Rust Inhibitor is great for rusty locks, hinges, screws, bolts, cables, chains, suspension parts, automotive restoration and excellent for exhaust systems. It also quiets squeaky hinges and moving parts and loosens rusty bolts..

Representative Technical Data:

	Value	Test Method
Appearance	Yellow	Visual
Base Oil Viscosity at 40°C (cSt)	4.5	ASTM D 445
Base Oil Viscosity at 100°C (cSt)	1.78	ASTM D 445
Base Oil Flash Point, °C	168	ASTM D 93
Pour Point, °C	-20	ASTM D 97
Surface Tension, Dynes/cm ²	32.43	ASTM D 1331
Base Oil Biodegradability	Pass	OECD
Base Oil Aquatic Toxicity	Non-Toxic	OECD

Precautions: ProLube® Bio Penetrant & Rust Inhibitor is manufactured from high quality natural seed oils and blended with select additives. As with all lubricants, good personal hygiene and careful handling should always be practiced. Please refer to the Safety Data Sheet for further information.

Packaging: Please contact ProLube®

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