



Performance Biolubricants and Colloidal Cleaners

Food Grade Penetrating Lubricant (NSF H1, H2)

WISE Food Grade (FG) Penetrating Lubricant¹ is a specially formulated, biodegradable biobased penetrant that can be used as a light lubricant in food processing equipment and is essentially odorless and tasteless. Because of the super high viscosity index of the stabilized base stocks*, this product performs in many applications. WISE FG Penetrating Lubricant's patented composition of additives and base fluids provides a protective, thin film lubricant. This natural oily film has shown in laboratory and field tests to out perform petroleum base oils in terms of natural lubricity.

WISE FG Penetrating Lubricant (WPL) is formulated to penetrate into close tolerant areas, then lubricate, and prevent corrosion. WPL's ability to creep is demonstrated by placing a standard 3/8" x 2" bolt on its head with 1/4" of WPL in the bottom of a lab beaker; WPL flows vertically up the threads. It protects deep into the core of a cable or chain link and is excellent as a light air tool lubricant and preservative oil for parts. This Biobased product has exceptional benefits over petroleum oils in these applications because there is direct danger of polluting the water, soil, or work environment through loss of the lubricant. WPL contains no volatile organic compounds (VOCs).

Applications

Industrial | Manufacturing | Agricultural | Transportation | Marine | Household | Sports

Tools	Machine Tools	Bearings	Bolts
Jacks	Assembly Parts	Wire ropes	Chains
Dies	Shafts	Hinges	Firearms
Locks	Linkage Cables	Air Valves	Air Tools

Typical Performance Data

Specific Gravity @60°F. ASTM D-287	.88
Viscosity @40°C., cSt. ASTM D-445	14
Flash Point, PMCC ASTM D-93	295°F (146°C)
Pour Point (Rotational) ASTM D-5985	-25°C
Four Ball Wear ASTM D-2266	.40 mm
Copper Corrosion Prevention ASTM D-130	1A
Rust Prevention ASTM D-665	
Distilled Water	Pass-Clean
Synthetic Sea Water	Pass-Clean

* This product is based on a proprietary and patented anti-oxidant, anti-wear, and cold flow technology. Base stocks are non-GMO agricultural vegetable oils. This technology provides high performance even in high and low temperature applications, reducing oil thickening and deposits.

¹ Base oils and additives in this product are listed in 21 CFR 178.3570, Lubricants for incidental food contact (USDA H-1). Full compliance with other applicable restrictions of FDA, USDA, oil spill, and oil pollution prevention statutes is recommended.

To Order

Fax to 831-728-1753 or call 800-491-9473 for Customer Service
Visit www.wisesolutions.net or Email sales@wisesolutions.net

Available Size
Container

Quantity (min.)

8 oz. Spray	11 oz. Aerosol	1 gal. Bottle	5 gal. Pail	55 gal. Drum	330 gal. Tote