**Renewable Lubricants, Inc.**
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# BPL™ Tacky White (Food Grade H1)

***"Biobased Lubricants that Perform Like Synthetics"***

BPL™ Tacky White is a specially formulated, biodegradable, biobased penetrant that can be used as a light tacky solid lubricant in food processing equipment and is essentially odorless and tasteless. Incorporating the white graphite provides a solid film extreme pressure lubricant that reduces friction and wear on sliding surfaces. Because of the super high viscosity index of the Stabilized* HOBS, this product performs in many applications. BPL™'s patented composition of additives and base fluids provides a protective, tacky 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.

BPL™ Food Grade[1] Plus Tacky White Graphite is formulated to penetrate into close tolerant areas, then lubricate, and prevent corrosion. BPL™'s ability to creep is demonstrated by placing a $^{3}/_{8}$" x 2" bolt on its head with ¼" of BPL™ in the bottom of a lab beaker; BPL™ creeps vertically up the threads. It protects deep into the core of a cable or chain link and is excellent to protect sliding and moving 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. BPL™ contains no hazardous volatile organic compounds (VOCs). EPA, OHSA, and Workers Acceptance are high with Biobased Products.

**Applications With Incidental Food Contact In and Around Food Processing Equipment Areas**

| Military | Industrial | Transportation | Marine | Agricultural |
|---|---|---|---|---|
| Tools | Gaskets/Seals | Bearings | Bolts | |
| Jacks | Assembly Parts | Wire ropes | Chains | |
| Dies | Machine Tools | Hinges | Shafts | |
| Locks | Linkage Cables | Air Valves | Air Tools | |

STABILIZED™ by Renewable Lubricants

**Typical Data**

| | | |
|---|---|---|
| Specific Gravity @60$^{O}$F. | ASTM D-287 | .88 |
| Viscosity @40$^{O}$C., cSt. | ASTM D-445 | 14 |
| Flash Point, PMCC | ASTM D-93 | 295$^{O}$F (146$^{O}$C) |
| Pour Point | ASTM D-97 | -25$^{O}$C |
| Copper Corrosion Prevention | ASTM D-130 | 1A |
| Rust Prevention | ASTM D-665 | |
| Distilled Water | | Pass-Clean |
| Synthetic Sea Water | | Pass-Clean |
| Four Ball Wear | ASTM D-2266 | .40 mm |

STABILIZED by Renewable Lubricants* is RLI's trademark on their proprietary and patented technology. High Oleic Base Stock (HOBS) are agricultural vegetable oils. This Stabilized technology allows the HOBS to perform as a high performance formula in high and low temperature applications, reducing oil thickening and deposits.

[1] This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food.

Patented Product: US Patent 6,383,992, US Patent 6,534,454, US Patent 6,624,124, US Patent 6,620,772 with additional Pending and Foreign Patents

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| **Availability** | **F.O.B. :Hartville, Ohio, USA** | **12oz. Spray** | **1 Gallon** | **5 Gallon Pail** | **Drum** | **Totes** | **Bulk** |
|---|---|---|---|---|---|---|---|
| RLI Product Item # | | 87071 | 87073 | 87074 | 87076 | 87077 | 87079 |