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Bio-Food Grade™ HT Anti-Seize Compound

(Food Grade H1)

STABILIZED™ by Renewable Lubricants

"Biobased Lubricants that Perform Like Synthetics"

Bio-Food Grade™ HT (High Temperature) Anti-Seize Compound is a biobased Extreme Pressure (EP) compound specially formulated for lubricating sliding surfaces (i.e. bolt and pipe threads). This Food Grade[1] product is fortified with synthetic white graphite EP that will lubricate at extreme high pressures and temperatures up to and over 1000ºC. Bio-Food Grade™ HT Anti Seize Compound provides excellent anti-rust, anti-oxidation, and anti-wear protection and is non- staining to aluminum and yellow metals. In addition, it provides for good low temperature mobility and excellent resistance to water. It contains no heavy metals, lead, antimony, zinc, or chlorine. Bio-Food Grade™ HT Anti-Seize Compound is an ENVIRONMENTALLY RESPONSIBLE product that is formulated from biodegradable and renewable agricultural plant resources. We believe Earth's environmental future rests in the use of renewable materials. This safe, nonflammable, biobased product contains no hazardous Volatile Organic Compounds (VOCs) and EPA, OSHA, and Workers Acceptance is high with Biobased Products.

Application: Food Manufacturing –Military –Industrial –Transportation –Marine –Agricultural –Mining

Bio-Food Grade™ HT Anti-Seize Compound is specifically designed to provide high anti-weld protection and withstand high pressures in sliding surfaces. It protects the shoulder and threads of bolts and pipes against damage from galling or seizure. Other applications including: tool joints, chains, cables, slideways, fifth wheels, king pins, chassis, hinge pins, studs, packing glands, gaskets, valves, pump shafts, screw shafts, or in slow moving rollers and bearings of high temperature ovens. In addition, Bio-Food Grade™ HT Anti-Seize Compound is recommended for high temperature oven chains and rollers where this white graphite film has been known to perform at extreme high temperatures for kiln support rollers and bearings. This white graphite has shown to provide improved lubrication after black graphite, PTFE, and molybdenum disulfide lose their lubrication between 400ºC and 500ºC.

Typical Specifications:

NLGI Grade	1
Color	White
Texture	Smooth
Thickener	Aluminum Complex
Penetration Worked ASTM D-217	310-340
Base Oil Viscosity @ 40°C, cSt ASTM D-445	46
Viscosity @ 100°C, cSt ASTM D-445	10
Viscosity Index ASTM D-2270	196
Flash Point (COC) ASTM D-92	310°C
Pour Point ASTM D-97	-25°C
Corrosion Test ASTM D-665 A, Salt Water B	Pass Clean
Copper Corrosion ASTM D-130	1A
4-Ball Wear ASTM D-2266	0.40 mm
4-Ball EP ASTM D-2596	Weld 315 kg
	LWI 44
Timken OK Load ASTM D-2509	45+ lbs.

[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.

STABILIZED by Renewable Lubricants* is RLI's trademark on their proprietary and patented anti-oxidant, anti-wear, and cold flow 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.

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Availability	F.O.B. :Manufacturer	8oz Can (Brush)	35 lb Pails
RLI Product Item #		87561	