

# Bio-Food Grade™ HT Anti-Seize Compound (NLGI #0)

## NSF H1 Registered • High Temperature Thread Compound

Bio-Food Grade™ HT (High Temperature) Anti-Seize Compound is an readily biodegradable, biosynthetic-blend extreme pressure (EP) compound formulated for lubricating sliding surfaces such as bolt and pipe threads. Fortified with synthetic white graphite, this compound remains effective at pressures and temperatures up to and beyond 1000°C.

Designed for applications demanding superior anti-weld and anti-seizure performance, Bio-Food Grade™ HT Anti-Seize Compound provides excellent rust, oxidation, and wear protection, while being non-staining to aluminum and yellow metals. It is environmentally responsible, containing no heavy metals, lead, antimony, zinc, or chlorine, and is manufactured from renewable resources under kosher supervision. It contains no animal byproducts and no hazardous VOCs.

### Benefits

- NSF H1 registered for incidental food contact
- Withstands extreme pressure and high temperatures up to 1000°C
- Excellent anti-seize and anti-weld protection
- Non-staining to aluminum and yellow metals
- Fortified with synthetic white graphite for high-temp lubrication
- Contains no heavy metals, chlorine, or hazardous VOCs
- Provides rust, oxidation, and wear protection
- Water-resistant and low-temperature capable
- Manufactured from renewable biobased resources
- Kosher supervised and contains no animal byproducts
- Safe for users and compliant with EPA and OSHA guidelines

### Application / New Filling

- Ideal for:
  - Bolt and pipe threads
  - Tool joints, chains, cables, slideways
  - Fifth wheels, king pins, chassis, hinge pins
  - Packing glands, gaskets, valves, pump and screw shafts
  - High temperature oven chains and kiln support rollers
    - Apply a thin film to clean surfaces using a brush or applicator
    - Ensure all contact surfaces are free of prior lubricants before application

## Specifications and Approvals

- NSF H1 Registered – Incidental food contact
- Base oils and additives listed in 21 CFR 178.3570
- Certified Kosher

### Typical Specifications:

NLGI Grade	0
Color	White
Texture	Smooth
Thickener	Aluminum Complex
Penetration Worked ASTM D-217	355-385
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
Timken OK Load ASTM D-2509	45+ lbs

<u>Availability</u>	<u>F.O.B.: Manufacturer</u>	<u>8oz Can (Brush)</u>	<u>7 lb Pail</u>	<u>35 lb Pail</u>	<u>120 lb Keg</u>	<u>400 lb Drum</u>
RLI Product Item #		87561	87563	87564	87565	87566

**STABILIZED™**  
by Renewable Lubricants