



## Renewable Lubricants, Inc.

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### **RLI Heavy Synthetic Food Grade (H1) Grease**

#### **NLGI 2, (High Temperature)**

RLI Heavy Synthetic Food Grade (H1) Grease (NLGI 2) is a food grade<sup>1</sup> aluminum complex thickened lubricating grease with a heavy synthetic base oil. It is formulated specifically for the food packaging and processing industry, water treatment, and in other environmental areas where this lubricant may have incidental contact in the application. RLI Heavy Synthetic Food Grade (H1) Grease provides excellent extreme pressure and antiwear protection and can be used over a wide range of operating temperatures. This product provides excellent lubrication in heavy loaded/slower moving bearings where a 220 cSt base oil gives additional protection.

#### **Typical Specifications:**

NLGI Grade	2
Soap Type	Aluminum Complex
Texture	Smooth, Adhesive
Color	White
Worked Penetration, ASTM D 217, 60 strokes	265-295
Dropping Point, ASTM D 2265, °F	500 min.
Rust & Corrosion, ASTM D 1743	Pass
Base Oil Viscosity with polymer cSt @ 40°C, cSt @ 100°C,	190-240 18.6Min
Viscosity Index	
Flash Point, °F (°C)	430(221)
Pour Point, °F (C) -	-10
Timken OK Load Lbs. ASTM D 2509	40
Four Ball Wear, ASTM D 2266 Scar diameter, mm.	0.60
Four Ball EP, Weld Point, ASTM D 2596 Kgf	500
Copper Corrosion, ASTM D 4048	1b
Water Washout, ASTM D 1264 1 hr, °F, % Loss	5
Roll Stability, ASTM D 1831 2 Hrs, °F, % Change	10 max
Oxidation Stability, ASTM D 942 PSI drop 100 hours	5 max
PSI drop 500 hours	10 max

<sup>1</sup> Base oils and additives in this product are listed in 21 CFR 178.3570, Lubricants for incidental food contact (USDA H1). Full compliance with other applicable restrictions of FDA, USDA, oil spill, and oil pollution prevention statutes is recommended. 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.

Proprietary Formula

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<b><u>Availability</u></b>	<b><u>F.O.B. :Manufacturer</u></b>	<b><u>14oz Tube</u></b>	<b><u>35 lb Pail</u></b>	<b><u>120 lb Keg</u></b>	<b><u>400 lb Drum</u></b>
RLI Product Item #		87491	87494	87495	87496