



## 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, 77°F,	
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, .....	190-240
cSt @ 100°C, .....	18.6Min
Flash Point, °F (°C).....	430 (221)
Pour Point, °F.....	-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, 175°F, % Loss.....	5
Roll Stability, ASTM D 1831	
2 Hrs, 77°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 H-1). 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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**Availability F.O.B. :Manufacturer**

RLI Product Item #

**14oz Tube 35 lb Pails 120 lb Kegs 400 lb Drums**

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