



# Renewable Lubricants, Inc.

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## MaxxLife™ Food Grade H1 Multipurpose Grease

NLGI # 2



This Food Grade EP grease is a state-of-the-art product, characterized by excellent resistance to water and superior corrosion protection. The exceptional mechanical and oxidation stability, and outstanding performance in a wide temperature range, make this product a premium multipurpose grease. In addition, it is formulated with a state-of-the-art overbased calcium sulfonate thickener that gives long life at high temperatures with high extreme pressure characteristics. It contains no zinc, heavy metals or other harmful or environmentally undesirable additives. Meets and Exceeds old Military specification for Food Grade Grease DOD-G-24650. Contains no animal byproducts and are manufactured under kosher supervision.

**Applications:** Food processing equipment as a protective anti-rust film, release agent on gaskets or seals of tank enclosures, anti-seize and/or lubricant for machine parts and equipment that may come in contact in part to food, including conveyors, antifriction and journal bearings, electric motors, and pumps can benefit from its long lasting protection.

- Unique multipurpose food grade industrial grease
- Excellent low temperature properties
- Superior corrosion protection
- Environmentally friendly
- Excellent compatibility with other greases

### Typical Specifications:

	ASTM	
Penetration	D-217	
Worked 60 strokes		265-295
Unworked		265-295
Worked 100,000 Stokes Penetration Change, FTM 791 C 313.2		+/-5%
Base Oil Characteristics	D-445	
Viscosity @ 40 °C cST		100
Viscosity @ 100 °C cST		10.8
Viscosity Index	D-2270	90
Pour Point	D-97	-12 °C
Flash Point	D-92	220 °C
Dropping Point , °F (°C)	D-2265	+572 (+300)
Water Washout @ 175°F (79 °C), % loss	D-1264	2.75
4-Ball Wear test 40kg, 1200 RPM,75 °C, mm Scar Diameter	D-2266	0.45 Max
4-Ball E.P. Weld point, kgf	D-2596	620
Timken, 0 K load, Lbs	D-2509	65
Salt Fog Test, B-117 Hrs.	B-117	+2,500
Oxidation Stability, 100 hours @ 99 °C	D-942	1 psi (7kPa)
Wheel Bearing, grams @ 325°F (163 °C)	D-1263	0.4
Copper Strip Corrosion	D-4048	1a
Corrosion Preventative Properties	D1743 D-1478	Pass
Low Temperature Torque, -40 °F (-40 °C),gram-cm	D-1478	<5,000
Oil Separation	D-1742	0.2%

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<u>Availability</u>	<u>F.O.B. :Manufacturer</u>	<u>14 oz. Tube</u>	<u>35 lb Pail</u>	<u>120 lb Keg</u>	<u>400 lb Drum</u>
RLI Product Item #		88801	88804	88805	88806