



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