



Renewable Lubricants, Inc.

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RLI E.P. 300 Lithium Multipurpose Grease

NLGI # 2

PRODUCT DESCRIPTION

RLI E.P. 300 Grease is a lithium 12 hydroxy lubricating grease formulated with the highest quality base oils available, and is fortified with rust and oxidation inhibitors as well as extreme pressure additives. This product has been formulated with a special additive package which insures high film strength, extreme pressure (EP) and anti-wear properties.

RECOMMENDED APPLICATIONS

For use in/on any of the following:

- Plain/rolling-element bearings
- Compressors
- Fans
- Centrifugal pumps
- Chassis parts
- U-joints
- Water pumps on passenger cars
- Track Rollers
- Commercial lawn mowers
- General-purpose/shop/industrial grease
- Underground mining machinery
- Crushers
- Vibrating screens
- Centralized lubrication systems

PRODUCT BENEFITS

Has a variety of uses and is formulated with special additive to perform well under extreme pressure.

TYPICAL PROPERTIES

NLGI Grade 2

Thickener Type		Lithium
Color		Amber
Texture		Buttery
Appearance		Smooth
Operating Temperature Range		-30°F to +250°F
Penetration	ASTM D 217	
Worked 60 Strokes @ 77 °F		265-295
Dropping Point, °F (°C)	ASTM D 2265	350 (177)
Oil Separation, % Loss Max	ASTM D 1742	10
4 Ball Wear Test, mm Scar Diameter	ASTM D 2266	0.45
4 Ball E.P. Weld Point,	ASTM D 2596	250
4 Ball Load Wear Index, Kgf	ASTM D 2596	40
Water Washout, % Loss Max	ASTM D 2509	10
Timken Load Carrying Test of Grease Lbs.	ASTM D 2509	45
Rust Preventative Properties of Greases	ASTM D 1743	Pass
Pressure Vessel Oxidation PSI Drop	ASTM D 942	5
Wheel Bearing Leakage, grams Loss	ASTM D 4290	5
Copper Corrosion of Greases	ASTM D 4048	1b
Base Oil Characteristics	ASTM D 445	
Viscosity @ 100°C cSt		11.5-14.5
Viscosity @ 40°C cSt		150-200
Viscosity Index		50

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Availability F.O.B. :Manufacturer 14 oz. Tube 35 lb Pail 120 lb Keg 400 lb Drum

RLI Product Item # 88921 88924 88925 88926