

## 311 Blue Max Grease

### Multipurpose Grease

**DESCRIPTION:**

Blue Max 311 is a smooth, deep blue, lithium complex grease formulated for operations from a minus 25°F but with a dropping point of 500°F.

**COMPOSITION:**

A high-quality, high-performance lithium complex grease.

**PERFORMANCE  
CHARACTERISTICS:**

- Excellent Pumpability
- Resists Thinning
- Resists Hardening
- Protects Steel and Alloy Copper Bearings
- Great for High Speed Bearings
- Superb Water Washout Characteristics
- High and Low Temperature Protection
- All Weather Formula
- Great for Extreme Load Applications

**Mechanical Stability** - Blue Max 311 resists thinning or hardening in bearings, thereby minimizing leakage and maintaining extended, long life service.

**Oxidation And Corrosion Protection** - The high level of additive treatment minimizes chemical deterioration over extended periods of storage and service. Protects steel and copper alloy bearings against rust and corrosion.

**Extreme Pressure Protection** - The EP additives in Blue Max 311 provide effective wear protection for ball and roller bearings at low, medium and high rpm and under heavy load.

**Formulation** - Superior quality refined lube stocks are combined with a high quality lithium complex thickener and additives under rigid laboratory and process control. Special compounding supplies beneficial anti-friction properties.

**Temperature Stability** - Blue Max 311 offers excellent low temperature pumpability and high temperature protection.

**Water Resistance** - It effectively resists washout and excessive dilution by water, assuring all-weather lubrication.

**APPLICATIONS:**

Blue Max 311 is an extreme pressure (EP) grease. Blue Max 311 is recommended in soft and semi-fluid grades for extreme cold and for centralized lubrication systems. Blue Max 311 meets and exceeds GC/LB specification.

- Heavy Duty Equipment
- High Temperature Wheel Bearings
- High Speed Roller/Ball Bearings
- Electric Motor Bearings
- Throw Out Bearings
- General Industrial/Automotive Grease requirements



# PRIMROSE PLUS

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### TYPICAL SPECIFICATIONS:

NLGI Grade	No. 2
Worked 60 Penetration, ASTM D217	265-295
Dropping Point, °F(°C)	500+(260+)
Thickener	Li-Complex
Water Washout, % loss, ASTM D1264	3 @175°F
Oil Separation, % loss, ASTM D1742	2.5
Copper Corrosion, ASTM D4048	1b
Rust Prevention, ASTM D1743	Pass
Elastomer Compatibility	Pass
Timken OK Load, lbs, ASTM D2509	65
Four-Ball Wear, mm, ASTM D2266	<0.45
Four-Ball EP Weld Point, kgf, ASTM D2596	315
Approximate Operating Temperature Range	-25 to 280° F
Texture	Smooth, Tacky
Color	Blue
mm <sup>2</sup> /sec (cSt) of Base Oil at 40° Celcius	190-250
Viscosity Index (VI) of Base Oil	145