

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:**

- 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 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

311 Blue Max Grease Multipurpose Grease

TYPICAL SPECIFICATIONS:

| | |
|--|---------------|
| NLGI Grades | No. 2 |
| Worked 60 Penetration, ASTM D217 | 265-295 |
| Dropping Point, °F(°C) | 500+(260+) |
| Thickener | Li-Complex |
| Water Washout, % loss, ASTM D1264 | 2.8 @175°F |
| Oil Separation, % loss, ASTM D1742 | 5 Max |
| Copper Corrosion, ASTM D4048 | 1b |
| Rust Prevention, ASTM D1743 | Pass |
| Timken OK Load, lbs, ASTM D2509 | 60 |
| Four-Ball Wear, mm, ASTM D2266 | <0.6 |
| Four-Ball EP Weld Point, kgf, ASTM D2596 | 400 |
| Approximate Operating Temperature Range | -25 to 280° F |
| Texture | Smooth, Tacky |
| Color | Blue |