

## **Gear Guard**

### **Semi-Fluid Gear Head Grease**

No. 112

NLGI #0

#### **DESCRIPTION:**

**Gear Guard** is long-life adhesive/cohesive grease designed for use in enclosed gear cases requiring a semi-fluid product. This formulation has a mixed base thickener comprised of 12-Hydroxy Lithium and Calcium Complex. This thickener combination combined with the latest technology in anti-wear, extreme pressure, rust and corrosion protection and high viscosity index hydro-processed group II base oils make **Gear Guard** an extremely sheer stable, water resistant anti-wear and EP grease. The outstanding rust and corrosion protection contained in **Gear Guard** makes it ideally suited for gears and bearings exposed to high moisture levels. A unique additive system makes this product particularly resistant to fretting corrosion and micro pitting.

#### **TYPICAL OPERATING CONDITIONS:**

**Gear Guard** is specifically formulated to provide maximum, long lasting protection to bearings, bushings, sliding surfaces and other areas exposed to severe conditions of pounding, moisture contamination, or heavy loads. **Gear Guard** contains an exclusive polar additive that will maintain an oil presence on gears and bearings during idle conditions or in low RPM applications.

#### **FEATURES:**

**Gear Guard** is a special mixed base grease formulated with High Viscosity Index Hydro-processed group II base oil and compounded with specialized additives including:

Organically Synthesized Moly	Extreme Pressure Additives
Mineral Moly	Stabilizing Agents
Polar additives	Oxidation Inhibitors
Anti-Wear Agents	Rust and Corrosion Inhibitors
Adhesive/Cohesive Additives	

#### **TYPICAL APPLICATIONS:**

Wheel Line Pivots	Enclosed Gear Cases
Automatic Lube Systems	Gear Boxes with poor sealing
Enclosed Rack and Pinion Drives	Turn Tables
Slides	Sealing Compound
Rust and Corrosion Barrier	

**TYPICAL SPECIFICATIONS:**

<b>NLGI Grade</b>	<b>Test Method</b>	<b>#0</b>
Color		Blue
Penetration, 60 Strokes		370
Penetration, 60,000 Strokes		366
Drop Point, °F, min.	ASTM D-2265	358
Timken OK Load, Lbs. min.	ASTM D-2509	50
Four-Ball EP Weld Point (kg):	ASTM D-2596	315
Four-Ball High Load Film Endurance (1 hour, 1200 RPM, 75°C) (40 kg. load): mm	ASTM D-2266	0.39
Rust Prevention	ASTM D-1743	Pass
Base Oil Viscosity: @ 100°C, cSt @ 40°C, cSt	ASTM D-445	18 202
Viscosity Index	ASTM D-2270	97

Values shown here are typical, and may vary.