

## 357 **Armor Plate with Moly-D** MAGNUM Multipurpose Grease

### DESCRIPTION:

357 Armor Plate with Moly-D Magnum is a rich green moly grease which provides excellent stability and unsurpassed performance under a wide range of temperatures and operating conditions. Armor Plate grease is entirely unique due to the fact that the moly in it is a compound which provides superior performance to other greases containing the black solid form of moly, molybdenum disulfide.

### COMPOSITION:

Armor Plate Magnum is a non-soap base grease made with a heat resistant organo-clay thickener and a moly compound which has proven superiority over the more common form of moly which is used in most other moly greases. It also contains EP, rust and corrosion inhibitors and anti-oxidant additives.

### PERFORMANCE CHARACTERISTICS:

- Versatile Multipurpose Grease for most all Applications
- Moly-D Outperforms Moly sulfide in side-by-side Test Results
- Exhibits Superior Anti-friction & Anti-oxidant Properties
- Excellent Thermal Stability
- In-field Service Shows Increased Load Carrying & Less Wear
- Extreme Pressure Grease
- Non-active Sulfur will not Corrode Yellow Metals
- Non-melt Grease for Very High Temperature Operation
- Engineered to Resist Rust, Oxidation, and Corrosion
- Keeps Operating Temperatures Down
- Exceptional Water Resistance for Water Washout & Spray-off
- Very Tacky for Excellent Adhesion to Parts to be Lubricated
- Superior Shear Stability Properties Compared to other Greases
- Excellent Resistance to Bleeding

Armor Plate Magnum is available as a multipurpose No. 1 and No. 2 NLGI grade. It retains excellent pumpability at sub-freezing temperatures. Where other NLGI grades are required, other Armor Plate with Moly-D Greases are available.

### USES:

Especially recommended for heavy duty multipurpose applications which include but are not limited to:

- |                            |                      |
|----------------------------|----------------------|
| ■ Ball Joints              | ■ Fifth Wheels       |
| ■ Corn Heads               | ■ Oven Conveyors     |
| ■ King Pins                | ■ Sugar Cane Cutters |
| ■ Ball and Roller Bearings | ■ Sliding Surfaces   |
| ■ Sleeve Bearings          | ■ Cranes             |
| ■ Pillow Blocks            | ■ Drag Lines         |
| ■ Drive Shafts             | ■ Wheel Bearings     |



# PRIMROSE PLUS

## 357 Armor Plate with Moly-D MAGNUM Multipurpose Grease

### APPLICATIONS:

- Farms
- Drilling Rigs
- Construction Companies
- Cotton Gins
- Steel Mills
- Bottling Plants
- Sugar Refineries
- Feed Lot Operators
- Barges
- Industrial Companies
- Lumber Mills
- Mines
- Asphalt Plants
- Ditch Diggers

### TYPICAL SPECIFICATIONS:

<b>NLGI Grade</b>	<b>No. 2</b>	<b>No. 1</b>
Type Thickener	Organo-clay	Organo-clay
Worked 60 Penetration, ASTM D217	265-295	310-340
Dropping Point, ASTM D2265	None(non-melt)	None(non-melt)
Texture	Smooth, Tacky	Smooth, Tacky
Color	Dark Green	Dark Green
Water Resistance	Excellent	Excellent
Rust Prevention Test	Pass	Pass
Oxidation Stability, ASTM D942		
psi loss @ 100 hrs	5 max	5 max
Copper Corrosion Test, ASTM D4048	1b	1b
Timken OK Load, lb, ASTM D2509	65	65
Timken Endurance, 10 lb load, hrs	5	5
Four Ball Wear, ASTM D2266		
Wear Scar, mm	0.45	0.45
Four Ball EP, ASTM D2596		
Weld Load, kg	315	315
Load Wear Index, kg	58	58
mm <sup>2</sup> /sec (cSt) of Base Oil at 40° Celcius	110-160	110-160