

## 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 new 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 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 Show 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 has a medium No. 2 consistency but still 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              | ■ Oven Conveyors     |
| ■ King Pins                | ■ Sugar Cane Cutters |
| ■ Ball and Roller Bearings | ■ Sliding Surfaces   |
| ■ Sleeve Bearings          | ■ Cranes             |
| ■ Pillow Blocks            | ■ Drag Lines         |
| ■ Fifth Wheels             | ■ 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                     | .45            | .45            |
| Four Ball EP, ASTM D2596          |                |                |
| Weld Load, kg                     | 315            | 315            |
| Load Wear Index, kg               | 58             | 58             |
| Base Oil Properties:              |                |                |
| Viscosity:                        |                |                |
| SUS @ 100°F, ASTM D2161           | 610            | 610            |
| SUS @ 210°F, ASTM D2161           | 69             | 69             |
| cSt @ 40°C, ASTM D445             | 116            | 116            |
| cSt @ 100°C, ASTM D445            | 12.4           | 12.4           |
| Viscosity Index, ASTM D2270       | 96             | 96             |
| Flash Point °F(°C), ASTM D92      | 520(270)       | 520(270)       |
| Pour Point, °F(°C), ASTM D97      | 10(-12)        | 10(-12)        |