



## **327** Armor Plate with Moly-D Multipurpose Grease

#### **DESCRIPTION:**

Armor Plate with Moly-D 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 moly in it is solubilized which provides superior performance to other greases containing the black solid form of moly, molybdenum disulfide.

COMPOSITION:

PERFORMANCE CHARACTERISTICS:

# Armor Plate is a non-soap base grease made with a heat resistant organo-clay thickener and a moly compound, Moly-D®, 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.

- · Versatile Multipurpose Grease for all Applications
- · Moly-D® Outperforms Molysulfide in side-by-side Test Results
- Exhibits Superior Anti-Friction & Anti-Oxidant Properties
- Excellent Thermal Stability
- In-Fleld 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 is available in both No. 1 and No. 2 NLGI grades. No. 2 has a relatively heavy consistency, but No. 1 has a considerably softer consistency for certain applications such as excellent pumpability at sub-freezing temperatures and automatic lubrication.

**USES:** 

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

Ball Joints
King Pins
Ball and Roller Bearings
Sleeve Bearings
Pillow Blocks
Fifth Wheels
Drive Shafts

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#### **APPLICATIONS:**

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

## TYPICAL SPECIFICATIONS:

NLGI Grade Type Thickener Worked 60 Penetration, ASTM D217 Dropping Point, ASTM D2265 Texture Color Water Resistance Rust Prevention Test Oxidation Stability, ASTM D942	No. 2 Organo-clay 265-295 None(non-melt) Smooth, Tacky Dark Green Excellent Pass	No. 1 Organo-clay 310-340 None(non-melt) Smooth, Tacky Dark Green Excellent Pass
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	430-560	110-160

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