

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 the moly in it is solubilized which provides superior performance to other greases containing the black solid form of moly, molybdenum disulfide.

COMPOSITION:

Armor Plate 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 Molsulfide 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 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:

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| ■ 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

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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:

NLGI Grade	No. 2	No. 1
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:	No. 1	No. 2
Viscosity,		
cSt @ 40 °C, ASTM D445	512	116
cSt, @ 100 °C, ASTM D445	33	12.4
SUS @ 100 °F, ASTM D2161	2752	610
SUS @ 210 °F, ASTM D2161	160	69
Viscosity Index, ASTM D2270	97	96
Flash Point, °F(°C), ASTM D92	606(319)	520 (270)
Pour Point, °F(°C), ASTM D97	16(-9)	10 (-12)