

## 548A | **Armor Plate with Moly-D** Chain and Cable Lubricant

### DESCRIPTION:

548A Armor Plate with Moly-D Chain and Cable Lubricant is a rich green lubricant compounded from the highest quality base oils, additives, inhibitors and other components. This versatile moly chain lubricant has a strong affinity to metals. This assures the ultimate lubrication of chains, sprockets, cables and wire ropes from an aerosol.

### COMPOSITION:

548A Armor Plate with Moly-D is composed of highly refined lubricating oils, with high viscosity index, high flash point, and high film strength.

**Moly-D®** plates internal and external parts of chains, cables, sheaves and sprockets. Moly-D® prevents metal-to-metal contact; thus, friction, heat, stress and wear are reduced. Moly-D® will protect chains and cables during extreme high temperatures, overloads, shock loads, high speed, stress, strain, and will afford maximum lubrication during extreme cold temperatures. Moly-D® reduces metal erosion and rapid wear. It increases the life of chains, sprockets and cables.

**Cohesive and Adhesive Additives** keep oil stable under shock loads, retard dripping and splattering, and make oil cling tightly to chains, rollers, pins, links and cables at all times.

**Rust Inhibitors** protect the metal parts of chains and cables from rust while in operation and when equipment is inactive. They form an effective barrier against water and moisture.

**Oxidation Inhibitors** retard the oxidation process or chemical changes in the lubricant.

**Corrosion Inhibitors** protect chains, cables and sprockets from corrosive attack by moisture, acids and chemicals.

**Stabilizing Agents** assure stability of the lubricant in the chains and cables. It will not thin-out or throw-out under the most severe conditions.

**Extreme Pressure Additives** protect chains from overloads and shock loads.

**Anti-Wear Additives** guard against wear resulting from metal-to-metal contact.

### PERFORMANCE CHARACTERISTICS:

Through scientific compounding and after many years of field applications, 548A Armor Plate with Moly-D has proven its ability to penetrate chains for complete lubrication. This superior lubricant will penetrate the rollers, pins, links, bushings, pin links and will leave a film of oil, Moly-D®, and other additives. Thus, the chains receive maximum lubrication, and friction, wear, stress and corrosion are reduced.

548A Armor Plate with Moly-D is highly recommended for wire ropes and cables. The lubricant should be applied to the cable directly from the container. 548A Armor Plate with Moly-D does not require heating as do many cable lubricants. Heating cable lubricants is a very dangerous practice. When 548A Armor Plate with Moly-D is applied to wire ropes and cables, it will penetrate to the core. The oil and its additives will plate the strands, wires and core. Due to the penetration of the lubricant, internal and external strands are protected from corrosion, rust, friction, stress, strain, shock load and abuse. By using 548A Armor Plate with Moly-D regularly, the life of cables and sheaves is extended.

## 548A

## Armor Plate with Moly-D Chain and Cable Lubricant

548A Armor Plate Chain and Cable Lubricant Provides:

- Increased Chain, Cable & Sprocket Life
- Protection During Overloads
- Reduced Maintenance Cost
- Reduced Chain Wear
- Fewer Replacements
- Reduced Breakage
- Less Downtime
- Reduced Chain Noise
- Protection Against Shock Loads
- Reduced Sprocket Wear
- Reduced Gauling
- Reduced Chain Whip
- Lower Power Consumption

### USES:

- Chains
- Cables
- Wire Rope
- Sprockets
- Hi-Speed Chains
- Roller Chains
- Hoist Chains
- Drive Chains
- Drag Chains
- Leaf Chains
- Quadruple Chains
- Double Roller Chains
- Triple Roller Chains
- Conveyor Chains
- Detachable Chains

### APPLICATIONS:

- Plywood Mills
- Lumber Plants
- Logging
- Paper Plants
- Wood Plants
- Pulp Plants
- Breweries
- Cranes
- Mines
- Bottling Plants
- Combines
- Oil Drilling Rigs
- Elevators
- Grain Elevators
- Corn Pickers
- Cotton Gins
- Hoists

### TYPICAL SPECIFICATIONS:

ISO VG, ASTM D445	68
Viscosity Index, ASTM D2270	102
Flash Point, °F	>200° F
Pour Point, °F	5
API Gravity	21.5
Color	Green

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