

# Chain Lube 2000 HL-Mod.1 HF

Applied Lubrication Technology Inc. Chain Lube 2000 HL-Mod.1 HF is formulated to meet the extreme lubrication demands of industry. This product acts as a lubricant, penetrant and cleaner that reaches all links, pins, and moving parts of a conveyor chain. Chain Lube 2000 HL-Mod.1 HF contains a unique blend of extreme pressure lubricating agents which greatly reduce chain wear and chain drive power consumption, leading to increased chain life. In addition to these extreme pressure agents, Chain Lube 2000 HL-Mod.1 HF also contains molybdenum disulfide which deposits as a dry film coating on all metal surfaces. The molybdenum disulfide provides excellent anti-wear properties preventing metal-on-metal contact.

Other unique qualities of Chain Lube 2000 HL-Mod.1 HF are its high corrosion protection, water-displacing, and acid atmosphere resistance properties enabling this lubricant to be used in the most severe and demanding industrial applications.

Chain Lube 2000 HL-Mod.1 HF can be used in applications where temperatures can range from -30°C (-22°F) to 315°C (600°F).

Chain Lube 2000 HL-Mod.1 HF is especially formulated to be applied by ALT's automated lubrication system.

## Technical Specifications

| Chain Lube 2000 HL-Mod.1 HF                               | Typical Properties              |
|---|---------------------------------|
| Appearance  | Dark Grey / Black               |
| Odor  | Mild Petroleum                  |
| Base Viscosity (of the concentrate portion)               | 95 cSt @ 40°C (440 sus@104°F)   |
|   | 11.8 cSt @ 100°C (65 sus@212°F) |
| Viscosity Index   | 114                             |
| Flash Point (TCC)   | 96.5°C (206°F)                  |
| Copper Corrosion (ASTM D 130)                             | 1 lb                            |
| Four Ball Wear Scar, - 1 hr; 1200 rpm; 40kg; 75°C (167°F) | 0.83 mm                         |
| Temperature Range   | -30°C (-22°F) - 315°C (600°F)   |

## Product Applications

This higher viscosity lubricant is specifically developed for the lubrication of heavily loaded conveyor chains using a programmable automated application system. Chain Lube 2000 HL-Mod.1 HF can also be used for the lubrication of many other more heavily loaded mechanical devices, such as; bearings, gears, sprockets, hinges, linkages, threads, slides, cables, locking mechanisms, etc.

## Product Packaging

Chain Lube 2000 HL-Mod.1 HF is available in 18.9 Liter (5 Gallon) pails, 200 Liter (53 Gallon) drums and 1200 Liter (317 Gallon) totes.

All reasonable care has been taken to ensure the information contained in this document is accurate as of the day of printing. However, such information may be affected by changes in the blend formulation occurring subsequent to the day of printing. Material Safety Data Sheets are available for all Applied Lubrication Technology Inc. products and must be consulted for appropriate storage, safe handling and disposal information of the product. Please contact an Applied Lubrication Technology Inc. Representative to ensure accuracy. May 2014.