

Chain Lube 1000 HF

Applied Lubrication Technology Inc. Chain Lube 1000 HF is formulated to meet the extreme lubrication demands of industry. It performs similarly to Chain Lube 1000, but it is designed to have less of a petroleum odor with a much higher Flash Point. This product acts as a lubricant, penetrant and cleaner that reaches all links, pins, and moving parts of a conveyor chain. Chain Lube 1000 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 1000 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 1000 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 1000 HF can be used in applications where temperatures can range from ambient up to 315°C (600°F).

Chain Lube 1000 HF is especially formulated to be applied by ALT's automated lubrication system.

Technical Specifications

Chain Lube 1000 HF	Typical Properties
Appearance	Dark Grey / Black
Odor	Mild Petroleum
Base Viscosity (of the concentrate portion)	144 cSt @ 40°C (667 sus@104°F) 14.5 cSt @ 100°C (75 sus@212°F)
Viscosity Index	100
Flash Point (PMCC)	105°C (221°F)
Copper Corrosion (ASTM D 130)	1 lb
Falex Test Load	+1400 lb
Specific Gravity @ 15.6°C	0.8247 g/ml

Product Applications

Although this product is specifically developed for the lubrication of conveyor chains using a programmable automated application system, Chain Lube 1000 HF can also be used for the lubrication of many different mechanical systems such as; bearings, gears, sprockets, hinges, firearms, linkages, threads, slides, cables, locking mechanisms, and more.

Product Packaging

Chain Lube 1000 HF is available in 18.9 Liter (5 Gallon) pails, 200 Liter (53 Gallon) drums and 1200 Liter (317 Gallon) totes.