Chain Lube 3000 HL-SYN

Applied Lubrication Technology Inc. Chain Lube 3000 HL-SYN is formulated to meet the extreme lubrication demands of industry. This lubricant is specifically formulated for chain conveyor equipment in application where a higher viscosity synthetic product is suitable. This product will reach the load surfaces of the links and pins to reduce wear. The molybdenum disulfide contained in the formulation will deposit as a dry coating on these surfaces. This will act as a very high film strength boundary layer to prevent metal-on-metal contact between reapplications. This high viscosity chain lubricant provides enhanced load carrying properties as noted by the Falex load of +4500#.

Chain Lube 3000 HL-SYN can be used in applications where temperatures can range from ambient up to 315°C (600°F).

Chain Lube 3000 HL-SYN is especially formulated to be applied by ALT's automated lubrication system.

Technical Specifications

Chain Lube 3000 HL-SYN	Typical Properties
Appearance	Dark Grey / Black
Odor	Mild Petroleum
Base Viscosity (of the concentrate portion)	28 cSt @ 40°C (132 sus@104°F)
	5.4 cSt @ 100°C (43.7 sus@212°F)
VI (Viscosity Index)	133
Flash Point (COC)	224°C (435.2°F)
Copper Corrosion (ASTM D 130)	1 lb
Falex Test Load	+4500 lb
Torque	+55 ft. - lb
Specific Gravity @ 15.6°C	0.8706 g/ml
Temperature Range	Ambient - 315°C (600°F)

Product Applications

This higher viscosity lubricant is specifically developed for the lubrication of heavily loaded conveyor chains, but is still able to be successfully applied by a programmable, automatic, application system. Chain Lube 3000 HL-SYN 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 3000 HL-SYN is available in 18.9 Liter (5 Gallon) pails, 200 Liter (53 Gallon) drums and 1200 Liter (317 Gallon) totes.