

ALT HS

Applied Lubrication Technology Inc. ALT HS has been developed to meet the extreme lubrication demands of industry and the environment. It is designed using synthetic base materials to have less of a petroleum odor, and be readily biodegradable. The use of the synthetic materials further improves the product by reducing deposit formation on application surfaces. This product acts as a lubricant, penetrant and cleaner that reaches all links, pins, and moving parts of a conveyor chain. ALT HS contains a unique and proprietary 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, ALT HS 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 ALT HS 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.

ALT HS can be used in applications where temperatures can range from ambient up to 315°C (600°F).

ALT HS is specifically formulated to be applied by ALT's automated lubrication system.

Technical Specification

ALT HS	Typical Properties
Appearance	Dark Grey / Black
Odor	Mild
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)	64°C (147.2°F)
Four Ball Wear	0.85 mm
Specific Gravity @ 15.6°C	0.7687 g/ml

Product Applications

Although this product is specifically developed for the lubrication of conveyor chains using a programmable automated application system, ALT HS 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

ALT HS 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 us for more information. October 2012.