

ALT FS 210

Applied Lubrication Technology Inc. ALT FS 210 is formulated to meet the extreme lubrication demands of industry and the environment. Through the use of synthetic, next generation, and high purity base fluids, exceptional performance, and reduction of deposit formation on application surfaces have been achieved. The use of next generation materials has allowed for ALT FS 210 to achieve a "readily biodegradable" status. ALT FS 210 is designed for heavier duty applications where water washout is a concern. ALT FS 210 contains a unique blend of biodegradable 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 FS 210 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 FS 210 are its high corrosion protection and acid atmosphere resistance properties enabling this lubricant to be used in some of the most severe and demanding industrial applications.

ALT FS 210 can be used in applications where temperatures can range from ambient up to 315°C (600°F).

ALT FS 210 is especially formulated to be applied by ALT's automated lubrication system.

Technical Specifications

ALT FS 210	Typical Properties
Appearance	Dark Grey / Black
Odor	Mild Petroleum
Base Viscosity (of the concentrate portion)	142 cSt @ 40°C (667 sus@104°F) 14.5 cSt @ 100°C (75 sus@212°F)
Viscosity Index	99
Flash Point (PMCC)	64°C (147.2°F)
Four Ball Wear	0.60 mm - 0.85 mm
Falex Test Load	N/A
Specific Gravity @ 15.6°C	N/A

Product Applications

Although this product is specifically developed for the lubrication of conveyor chains using a programmable automated application system, ALT FS 210 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 FS 210 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.