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TECHNICAL DATA SHEET

HB-411A

Ultra Lube

Synthetic Hi-TEMP Chain Lube

DESCRIPTION:

- Unsurpassed oxidation and thermal stability.
- Compounded from 100% pure synthetic base-oil
- Provides excellent lubrication of chains while providing superior anti-wear and corrosion protection.
- Extremely high flash point and extremely low volatility result in greatly reduced volatility and no carbon or soot build-up.
- Does not thicken at extreme cold temperatures as do mineral oils, allowing for reduced friction and energy input.
- Approved by the USDA for H-1 application (lubricants with incidental food contact) and complies fully with the requirements of FDA 21CFR 178.3 570.
- Blended from the highest quality synthetic base oils combined with select ingredients including:

Anti-Wear Additives	Adhesive/Cohesive Additives	Corrosion Inhibitors
Oxidation Inhibitors	Friction Reducers	Rust Preventatives

OPERATING CONDITIONS:

Chains operating at high temperatures require a lubricant with superior thermal stability to maintain efficient operation, Petroleum-based products are too volatile and cause problems due to excessive carbonizing and lack of lubrication. Chains operating at very low temperatures have extreme frictional drag when lubricated with mineral oils that thicken with cold. HB-411A Ultra Lube Hi-Temp Chain Lube is designed to eliminate these lubrication problems.

APPLICATIONS:

Recommended for all types of chains operating under extreme temperatures of heat or cold, in areas such as:

Food Plants	Processing Plants	Plywood Plants
Gypsum Plants	Drying Kilns	Particle Board Plants
Powder Coaters	Refrigerated Conveyors	Ceramics Manufacturing

Continued on Page 2

SPECIFICATIONS:

Specific Gravity	.959
Pour Point, F	-50 (-45.5)
Flash Point, F	Non-Flammable
Viscosity	
cSt @ 40°C	211.5
cSt @ 100°C	23.05
SUS @ 100° F	980
SUS @ 210°F	111.6
Viscosity Index	143
Copper Corrosion	1a
Approximate ISO Grade	220