



LS CHAINLUBE

Description

LS CHAINLUBE is manufactured from highly stable blends of synthetic fluids which are clean, non-carbonising in use and provide wet lubrication of bearings subjected to elevated temperatures for prolonged periods. The material does not break down at elevated temperatures to produce hard lacquers which can at best, prove difficult to remove, and at worst, build up and block oil-ways thereby preventing any subsequent lubrication leading to rapid and costly wear.

Application

LS CHAINLUBE is formulated for use on oven conveyor chains, drive mechanisms, bearings, skid plates, keepers, bushes, pins, trips and wheels (linkages and cruciform bearings) which are continuously exposed to high temperatures and heavy loads. Such mechanisms are found in the bakery industry, textile industry, fabric conveyor chains, automobile painting and assembly industries, insulation manufacturing industry, metal container manufacturing and finishing industries, and elsewhere.

Method of Application

LS CHAINLUBE may be applied by brush, oil can, gravity feed, or fully automated solid-shot conveyor lubrication systems.

Advantages/Benefits

- High temperatures
- Clean
- Low toxicity

Shelf Life

LS CHAINLUBE is based upon a chemically stable formulation that should remain useable for at least 1 year in unopened container stored between 5°C and 30°C.



Description (continued)

The extreme pressure capabilities and low evaporation characteristics exhibited by LS CHAINLUBE are provided by the use of high-technology ashless additives to reduce wear and corrosion, and include deposit control agents which may even disperse residues from previous lubricant degradation. Evaporation at elevated temperatures is very low, reducing smoke and smell.

Conveyor chains and bearings exposed to such high temperatures for extended periods will be protected by a film of synthetic fluid which reduces friction, wear and energy consumption. Lubrication use is decreased.

The synthetic fluids have a very low order of toxicity; indeed LS CHAINLUBE is based upon an H-2 approved formulation for food service.

CHARACTERISTICS: LS CHAINLUBE

Characteristic	Unit	Value	
Colour		Yellow / brown	
Operating Temperature	°C	-30 to 270	
Kinematic Viscosity	at 40°C	mm ² /s	70
	at 100°C	mm ² /s	11
Evaporation (weight loss at 200°C/6 hrs)	%	< 2	
Four Ball Wear Test (40 kg/1 hr)	Mm	0.30	
Specific Gravity		0.97	
Flash Point (Open Cup)	°C	290	
Fire Point	°C	340	