

TECHNICAL DATA

Foodsafe HT Chain Lube (300)

High Temperature Food Grade Chain Oil

Description

Foodsafe HT (300) is a High Temperature Chain Lubricant is based on highly polar biodegradable base oil and is inhibited against oxidation to give a long wet film life at high temperatures. The highly polar molecules strongly adhere to the surface and withstand high temperatures, at the same time separating the moving parts due to its highly viscous lubricating film maintained at these high temperatures.

Foodsafe HT Chain Lube (300) is designed for the lubrication of conveyor chains and bearings running continuously at high temperatures, up to 300°C, and short periods up to 320°C, on textile stenters, drying machines, bakery ovens and on paint stoving chains.

Outstanding Features

- Long fluid life at high temperatures, which provides maximum lubricant economy
- Does not form hard carbon deposits (See photo attached below)
- Excellent load and anti-wear properties (Anti-wear test at 50kg for 2 hrs cf std test 40 for 1 hr)
- Miscible with most ester based fluids
- Highly polarised molecules providing excellent lubricity

Directions for use

Although usually applied by automatic lubricators, Foodsafe HT Chain Lube (300) can be applied by hand if so desired

Technical Data (typical values)

Appearance	-	Clear liquid
Viscosity @ 40°C	-	320 cSt.
Viscosity @ 100°C	-	25 cSt.
Viscosity Index	-	95
Pour Point	-	-36°C
Specific Gravity	-	0.98
Noack Weight Loss after 1 Hour at 250°C	-	<2.0%
Shell 4 Ball (IP239) Weld Load	-	200kg
Scar Diameter 50kg for 2Hr	-	0.39mm
40kg for 1Hr	-	0.33mm
Temperature Range	-	-35 to 300°C (up to 320°C for short periods)
Flash Point (COC) °C min ASTM D92	-	315°C
Auto ignition temperature ASTM D2155-66	-	350°C

All ingredients are FDA listed, and meets the USDA 1998 H1 Guidelines. This product contains no genetically modified ingredients and does not contain any nut oil or derivatives, Foodsafe HT Chain Lube (300) is H1 registered.

The content of this data sheet is given in good faith but without warranty.

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