

LUBRICHEM

LUBRICHEM Chain Oil FM HT

High temperature food grade chain oil

Description

LUBRICHEM Chain Oil FM HT is a high temperature resistant food grade chain oil based on highly polar biodegradable ester 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.

Applications

LUBRICHEM Chain Oil FM HT is designed for the lubrication of conveyor chains and bearings running continuously at high temperatures, up to 280 °C,

and short periods up to 300 °C, on textile stenters, drying machines, bakery ovens and on paint stove chains. LUBRICHEM Chain Oil FM HT has outstanding anti wear capacity and will reduce wear on chains significantly like no other.

Benefits

- Maximum lubricant economy due to long life at high temperatures
- Does not form hard carbon deposits
- Good load and anti-wear properties
- Miscible with most ester based fluids
- Highly polarised molecules providing excellent lubricity
- Outstanding thermal stability
- Peak temperature of 300 °C

All performance data on this Technical Data Sheet are indicative only and can vary during production

Lubricchem LLC – hello@lubricchemllc.com – www.lubricchemllc.com



LUBRICHEM

Typical performance data

	FM HT
Appearance	Clear Liquid
Density @ 20 °C, g/ml	0.940
Viscosity @ 40 °C, cSt	135-165
Viscosity Index	185
Flash point, °C	275
Pour point, °C	-32
Auto ignition temperature, °C	>350
Weight loss after 1 hr. @ 250 °C, %	<2.0
4-ball wear test	
• Welding load, kg	>200
• Wear scar diam, 40 kg, 1 hr, mm	0.30
Working temperatures, °C	-10 – 280
NSF Approved, H1	159183

HEALTH / SAFETY

For information about safe handling and use of this product, refer to the Material Safety Data Sheet