



## Foodmax Chain HT

### High temperature food grade chain oil

#### Description

Foodmax Chain HT fluids are 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

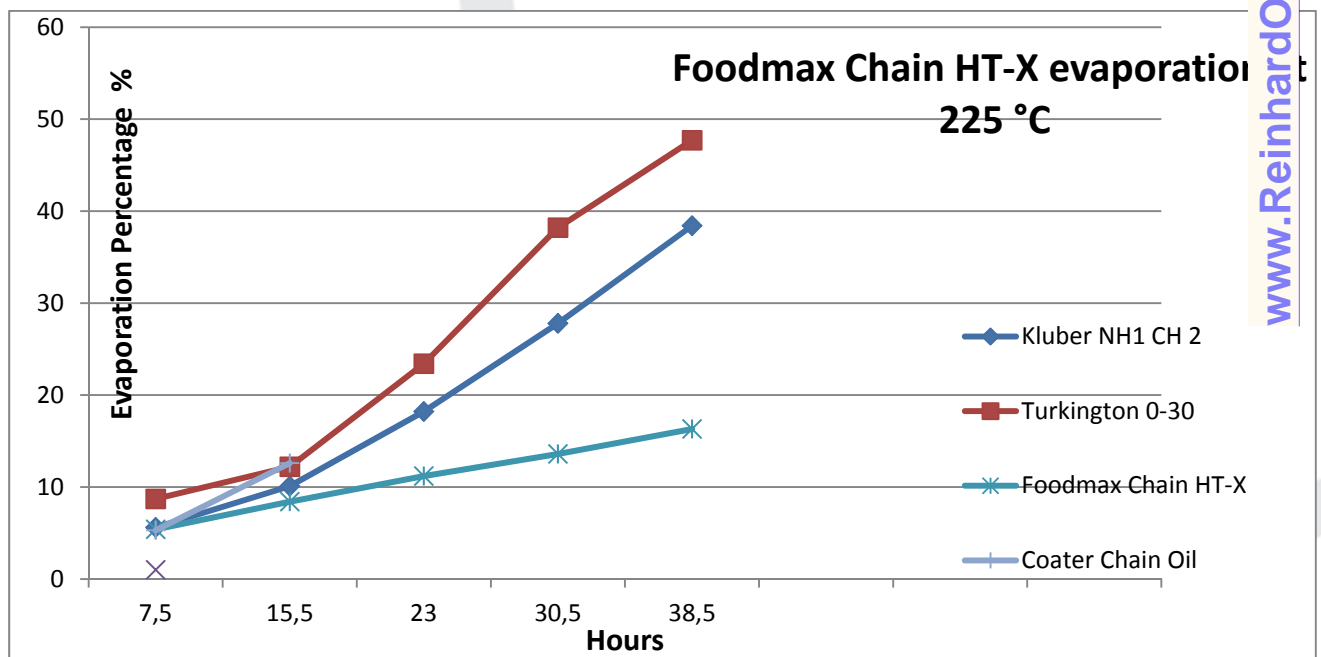
Foodmax Chain HT and HT-X lubricants are designed for the lubrication of conveyor chains and bearings running continuously at high temperatures, up to 280 °C, and short periods up to 300 °C, on textile stenters, drying machines, bakery ovens and on paint stoving chains.

Foodmax Chain HT-X possesses outstanding anti wear capacity and will reduce wear on chains significantly like no other.

#### Benefits

- Long fluid life at high temperatures, which provides maximum lubricant economy
- Does not form hard carbon deposits
- Good load and anti-wear properties
- Miscible with most ester based fluids
- Highly polarised molecules providing excellent lubricity
- Excellent thermal stability
- Peak temperature of 300 °C

#### Typical performance data



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

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## Typical performance data

		HT	HT-X
Appearance		Clear liquid	
Density @ 20 °C		0,87	0,92
Viscosity @ 40 °C, cSt	ASTM D445	325	130
Viscosity Index		140	143
Flash point, °C	ASTM D92	280	280
Pour point, °C	ASTM D92	-20	-22
Auto ignition temperature, °C	ASTM D2155-66	>350	>350
Weight loss after 1 hr. @ 250 °C, %	NOACK	<2,0	<2,0
4-ball wear test	IP239		
• Welding load, kg		200	>200
• Wear scar dia, 40 kg, 1 hr, mm		0,45	0,30
Working temperatures, °C		-10 - 280	-10 - 280