

# FOODMAX CHAIN HT-X

Product code: 263200601

## High temperature food grade chain oil

Foodmax Chain HT-X is 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

This product 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 oven chains. It possesses outstanding anti wear capacity and will reduce wear on chains significantly like no other.

## Benefits & Advantages

- 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 polarized molecules providing excellent lubricity
- Excellent thermal stability
- Peak temperature of 300 °C

## Typical Performance Data

Property	Test Method	HT-X
Appearance	Visual	Clear liquid
Density @ 20 °C, kg/dm <sup>3</sup>	ASTM D1298	0.940
Viscosity @ 40 °C, cSt	ASTM D445	120-170
Viscosity Index	ASTM D2270	185
Flash point, °C	ASTM D92	>275
Pour point, °C	ASTM D97	-32
Weight loss after 1 hr. @ 250 °C, %	NOACK	<2.0
4-ball wear test <ul style="list-style-type: none"> <li>• Welding load, kg</li> <li>• Wear scar diam, 40 kg, 1 hr, mm</li> </ul>	IP239	>200 0.30
Working temperatures, °C		-10 – 280
NSF approval	Registration #	151531
Halal	-	Yes
Kosher	-	Yes

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

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