

FOOD-PLUS CHAIN HTC

FOODGRADE CHAIN OILS

323200601



HIGH TEMPERATURE FOOD GRADE CHAIN OIL

This product is formulated with a biodegradable ester base oil that has highly polar molecules, which allows it to adhere strongly to surfaces and withstand high temperatures. It contains oxidation inhibitors that extend the life of the lubricating film, ensuring separation of moving parts even at high temperatures. The highly viscous film maintains lubrication even at high temperatures. This product is formulated for the purpose of lubricating conveyor chains and bearings that operate continuously at high temperatures of up to 280°C and for shorter periods up to 300°C. This product is specifically recommended for use on textile stenters, drying machines, bakery ovens, and paint stove chains.

CATEGORY

- Chain Lubricants

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

PROPERTY	METHOD	VALUE
Appearance		Clear liquid
Density @ 20 °C, kg/dm ³		0.940
Viscosity @ 40 °C, mm ² /s	ASTM D445	120-170
Viscosity index		185
Flash point, °C	ASTM D92	>275
Pour point, °C	ASTM D92	-32
Weight loss after 1 hr. @ 250 °C, %	NOACK	<2.0
4-ball wear test - Welding load, kg	IP 239	>200
4-ball wear test - Wear scar diam, 40 kg, 1 hr, mm	IP 239	0.30
Working temperatures, °C		-10 - 280
NSF registration	Registration #	151531
Halal approved		Yes
Kosher approved		Yes

All data on this technical data sheet is indicative only

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