

## KYNOS CHAINLUBE FG

### Chain Oils

KYNOS LUBRICATION PRIVATE LIMITED

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### High Temperature Food Grade Chain Oil

CHAINLUBE FG 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

CHAINLUBE FG 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 store chains. It 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.
- Doesn't form hard carbon deposits.
- Good load and anti-wear properties.
- Miscible with most ester-based fluids.
- No formation of critical residue.
- Highly polarised molecules providing excellent lubricity.
- Excellent thermal stability.
- Peak temperature of 300°C

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### Typical Performance Data

Properties	Test Method	CHAINLUBE FG	
		HT X150	HT X220
Colour/Appearance	-	Clear liquid	Clear liquid
Kinematic Viscosity @ 40 °C, mm <sup>2</sup> /s	ASTM D-445	135-165	220-240
Viscosity Index	ASTM D-2270	185	180
Pour Point, °C Max	ASTM D-97	-32	-32
Flash Point, °C	ASTM D-130	275	>285
Density @ 20 °C, g/ml	ASTM D-1298	0.940	0.940
Auto Ignition Temperature, °C	ASTM D-2155-66	>350	>360
4-Ball, Wear test, weld load - kg, Load - wear index-kg	IP 239	>200, 0.30	>200, 0.30
Weight loss after 1 hr @250 °C. %	NOACK	<2.0	<1.8
Working temperature range in °C	-	-10 - 280	-10 - 290

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