

THE THERMAL-LUBE

HIGH-FLASH POE CHAIN OIL

XL0897

June 2022

XL0897 is a polyolester-based lubricant formulated with highly stable polymers to increase its viscosity index. This helps prevent the formation of varnish and carbon deposits at high temperatures, and in most applications, dislodge existing sludge and varnish deposits formed from previous lubricant applications. The inherent high viscosity index of **XL0897** permits optimal lubrication across a wide range of temperatures

XL0897 series of synthetic chain lubes are designed for the lubrication of chains, slide-ways and gears where temperatures may exceed 150°C. These fluids are anti-static, and will not leave any residue once the carrier evaporates.

XL0897 does not leave any carrier residue, and was formulated specifically to give maximum protection against wear, rust, oxidation and corrosion, thereby prolonging equipment life, while reducing overall maintenance costs.

XL0897 reduces energy consumption by maintaining a clean lubricating film, even at high temperatures, which extends the interval between re-lubrication and reduces the amount of oil consumed. This also reduces the smoke and odours inherent to hot oil.

ADVANTAGES:

- Exceptional stability at high temperatures
- Cleanliness
- Smokeless
- Low Volatility
- Energy Efficiency
- Improved Protection
- High Viscosity Index

XL0897 is recommended for:

- High temperature conveyor chains
- Chains for bottling plants
- Chains in ceramic plants
- Bearings for drying ovens

TYPICAL SPECIFICATIONS				
Product Code: XL0897	/068	/100	/220	/460
ISO Grade	68	100	220	460
Viscosity (cst @ 40°C) (ASTM D445) (cst @ 100°C) (ASTM D445)	68 10	100 12	220 19	460 26
Viscosity Index	130	105	95	70
Flash Point (°C)	310	310	305	300
Fire Point (°C)	330	330	340	320
Pour Point (°C)	-45	-45	-20	-15
Residue – 20 hrs @ 260°C (%weight)	17	14	27	19
Shell 4 Ball Wear Test 40kg (ASTM D4172)	0.39	0.43	0.38	0.89
Specific Gravity (g/ml @ 25°C)	0.99	0.98	0.98	0.96
RBOT 150°C (min) (ASTM D2272)	900	1100	1180	1980



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