

SYNTHETIC POLYOLESTER-BASED OIL

XL-0895 series of synthetic lubricants are designed for the lubrication of bearings, chains, slide-ways and gears where temperatures may exceed 150°C. These fluids are anti-static, and will not leave any residue after the carrier evaporates. (Use **XL-0895/900** series for molybdenum residue)

XL-0895 is a polyolester-based lubricant formulated without any unstable polymers to increase its viscosity index. This helps eliminate the formation of varnish and carbon deposits at high temperatures. The inherent high viscosity index of **XL-0895** permits optimal lubrication across a wide range of temperatures.

XL-0895 does not leave any carrier residue, thereby eliminating the accumulation of solid matter which may cause mechanical breakdowns and increase overall maintenance costs. This fluid will, in most applications, dislodge existing sludge and varnish formed from previous lubricant applications.

XL-0895 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.

XL-0895 was formulated specifically to give maximum protection against wear, rust, oxidation and corrosion, thereby prolonging equipment life, while reducing overall maintenance costs.

ADVANTAGES:

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

XL-0895 is recommended for:

- High temperature conveyor chains.
- Chains for bottling plants.
- Chains in ceramic plants
- Bearings for drying ovens.
- Bearings, seals etc.
- Textile industry



255 avenue Labrosse, Pointe-Claire, Quebec, Canada H9R 1A3
Tel: 514-694-5823 | 800-567-5823 | Fax: 514-694-8628 | www.thermal-lube.com



TYPICAL SPECIFICATIONS

Product Code: XL-0895	/046	/068	/100	/220	/225	/229	/320	/460
ISO Grade	046	068	100	220	220	220	320	460
SAE Grade	10	20	30	50	50	50	-	-
Viscosity (cst @ 40°C) (ASTM D-445)	46.3	71.6	101	235	237	220	318	470
(cst @ 100°C) (ASTM D-445)	7.5	10.8	12.9	24.0	25.4	18.8	29.1	40
Viscosity Index	127	140	124	128	130	95	125	125
Rust Test (Distilled Water, 48 hrs) (ASTM D-6557)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
(Sea Water, 48 hrs) (ASTM D-6557)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Flash Point (°C)	240	243	245	248	266	300	250	248
Fire Point (°C)	265	277	278	279	316	-	280	280
Autoignition Point (°C)	400	410	410	410	-	-	410	410
Pour Point (°C)	<-40	-40	-38	-37	-18	-36	-32	-22
Residue (%weight)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Evaporation Loss 4hrs @ 204°C (% weight)	<2	<2	<2	<2	<2	<0	<1	<1
Shell 4 Ball Wear Test 40kg	0.37	0.38	0.38	0.38	0.35	0.35	0.37	0.36
Specific Gravity (g/ml @ 15°C)	0.88	0.88	0.90	0.91	0.94	0.97	0.93	0.93

Before using one of the XL-0895 series of fluids:

A special formulation containing a solvent (**XL-0895/469**) should be used to clean the sludge left in equipment by previous oils.

Add **XL-0895/469** at between 5 and 10% of the oil capacity and let the equipment run unpressurized, at a maximum temperature of 50°C for 24 to 48 hours.

Once completed, change the filter, drain the oil and replace it with new XL-0895 fluid.



255 avenue Labrosse, Pointe-Claire, Quebec, Canada H9R 1A3
 Tel: 514-694-5823 | 800-567-5823 | Fax: 514-694-8628 | www.thermal-lube.com

