

# THE THERMAL-LUBE

## ECOSYNTHETIC MULTIPURPOSE LUBRICATING GREASE

# XL9120

August 2023

**XL9120** EcoSynthetic® multipurpose marine lubricating grease is one of the growing number of Thermal-Lube's **XL9100** series of lubricants. It is non-toxic, non-bioaccumulating, and readily biodegradable. It is a superior-quality synthetic WATER-RESISTANT and NON-MELTING grease for operational use in ambient temperatures ranging -for most formulations- from -40 to 200°C.

**XL9120** is formulated from carefully selected synthetic base fluids, hybrid organic thickeners, and biodegradable performance additives. The fine balance of additives, thickener, and base stocks provides the highest quality boundary and hydrodynamic lubrication system for any moving component while providing a high degree of rust and corrosion protection. Due to the inherent sealing property of this lubricant, degradation due to contamination from dust, etc. is minimized, therefore prolonging component life. **XL9120** may be applied with standard grease guns or heavy-duty automatic grease pump systems.

**XL9120** can be used for:

- General plant lubrication
- Electric motors
- Ball, roller, plain and anti-friction bearings
- Turbines
- Automotive, rail, industrial, and marine applications

**XL9120** may be formulated in all standard NLGI grades.

Meets the requirements of the US EPA 2013 VGP standard for Environmentally Acceptable Lubricants (EAL).

### AVANTAGES:

- Readily Biodegradable
- Non Toxic
- Safer than Petroleum-based Products
- Protects against Rust and Corrosion
- Compatible with Elastomers (seals)



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# XL9120

TYPICAL SPECIFICATIONS				
Product Code : XL9120	/101	/102	/103	/320
N.L.G. I. Grade:	1	2	3	2
Penetration (after 60 strokes) @ 25°C (ASTM D217)	331	268	240	272
Melting Point (°C) (ASTM D2265)	None			
Timken OK Load (kg) (ASTM D2509)	25+			
Oil Separation (24 hrs @ 25°C) (ASTM D1742)	<1%			
Temperature Range (°C)	-40	-200	-15	-200
Minimum dispensing Temperature (°C)	-45	-40	-40	-15
Base Oil Viscosity @ 40°C (ASTM D445)	100	150	150	320
Maximum Temperature (°C)	270			
Additives	Antioxidant; Anti-Wear; EP (All Biodegradable)			
Base Oil	Vegetable/Synthetic			
Colour	Pale Beige			
Base Oil Classification	LOG P >8, LC & LD <sub>50</sub> 5g/kg Naturally Readily Biodegradable			



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