

THE THERMAL-LUBE

BIODEGRADABLE GEAR AND BEARING FLUID

XL9536

October 2024

XL9536 is a new technological and biodegradable lubricant formulated to meet the severe demands of synthetic gear and bearing fluids.

XL9536 is recommended for gear reducers placed in sensitive zones where preventive recovery from leaks is not possible for the lubrication of spur pinion gears, bevel gears, planetary gears operating under high loads

XL9536 performance includes:

- Contains specialty additives to maximize gear life allowing maximum load with minimum wear.
- Excellent filtration and high resistance to water infiltration.
- Outstanding thermal stability.
- Increased rust and corrosion inhibition even in the presence of water.
- Prolongs gasket and seal life and prevents oil leaks by not hardening, shrinking or swelling seals.

XL9536 meets the performance of:

- US Steel 224
- AGMA 250.04

ADVANTAGES:

- Biodegradable
- 100% Synthetic
- Safer than petroleum-based lubricants
- Protects against rust and corrosion
- Compatible with elastomers (gaskets, seals)

TYPICAL SPECIFICATIONS

Product Code : XL9536	/032	/046	/068	/100	/220	/320
ISO Grade	32	46	68	100	220	320
Viscosity (cSt @ 40°C) (ASTM D445)	31	47	65	96.7	227	295
(cSt @ 100°C) (ASTM D445)	7	8.5	12.6	18.5	35	39.5
Viscosity Index (ASTM D2270)	198	159	198	252	202	186
Flash Point (°C) (ASTM D92)	> 260					
Pour Point (°C) (ASTM D97)	-54	-47	-38	-35	-32	-30
Density (g/ml) @ 15.6 °C	0.93	0.92	0.91	0.91	0.91	0.92
% Biodegradation OCDE 301B 28 days	>76					
Ecotoxicity OECD 201	> 1000 mg/L					
OECD 202	> 1000 mg/L					
OECD 203	> 1000 mg/L					



255 Ave Labrosse, Pointe-Claire, Québec, Canada H9R 1A3

T: +1.514.694.5823; www.thermal-lube.com

The information presented in this bulletin is, to the best of our knowledge accurate. It is intended to be helpful, and not considered to be a guarantee. L'information donnée dans ce bulletin est, au meilleur de nos connaissances, exacte. L'intention de ce bulletin est pour votre aide et non une garantie.