

# THE THERMAL-LUBE

## BIODEGRADABLE ROCK DRILL OIL

# XL9527

Sept. 2024

**XL9527** is a vegetable-based Readily Biodegradable four-season oil fortified with Anti-Wear (AW) / Extreme Pressure (EP) additives, and rust and oxidation inhibitors for the protection of pneumatic rock drilling equipment. **XL9527** does not contain any mineral products nor additives that are toxic, and therefore dangerous to the health of operators and to the environment.

### SPECIFICATIONS:

**XL9527** meets OEM requirements:

- Gardner Denver,
- Chicago Pneumatics,
- Ingersoll Rand,
- Joy
- Clark and Dresser

### ADVANTAGES:

- Readily Biodegradable
- Non-toxic (Aquatic)
- Safer than petroleum-based products
- Protects equipment from rust and corrosion
- Compatible with most elastomers (seals)

### APPLICATIONS:

**XL9527** is specifically formulated for use in pneumatic percussion heavy and deep drilling equipment and concrete breakers.

Product Code: XL9527		/046	/068	/100	/150	/220	/320
ISO Grade:		046	068	100	150	220	320
Appearance	Visual	Clear Liquid					
Density, @ 20°C	ASTM D1298	0.919	0.919	0.919	0.919	0.92	0.92
Viscosity, cSt @ 40°C	ASTM D44	44.2	67.2	96.64	150.7	227	325
Viscosity, cSt @ 100°C	ASTM D44	8.5	15.1	21.65	32.85	35	44
Viscosity Index	ASTM D2270	198	237	252	262	202	194
Flash point, °C	ASTM D92	>300					
Pour point, °C	ASTM D97	-35	-30	-28	-25	-25	-20
Timken OK Load, Kg	ASTM D2509	>27					
Falex EP, N	ASTM D3233	15,500					
Copper Corrosion	ASTM D4048	1A					
Rust prevention	ASTM D665	Pass					
Biodegradability	OECD 301B	>60% in 28 days [Readily Biodegradable]					
Toxicity EC50, ppm	OECD 201, 202, 203	>1000					



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

T: +1.514.694.5823; [www.thermal-lube.com](http://www.thermal-lube.com)

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