

THERMAL-LUBE

SYNTHETIC EDM OIL

XL7309

July 2022

XL7309 is a synthetic lubricant specially formulated for use with Electro Discharge Machines. It's oxidative and temperature stability will ensure extended lubricant life under normal operating conditions.

XL7309/003 and **XL7309/005** are classified as *Readily Biodegradable* (~88%) as per CEC L33-A-93 testing procedures.

TYPICAL SPECIFICATIONS				
Product Code: XL7309	/003	/005	/022	/032
Viscosity (cSt @ 40°C) (ASTM D445) (cSt @ 100°C) (ASTM D445)	2.8 -	5.2 1.8	21.5 4.27	35.9 5.5
Specific Gravity (g/ml):	0.80	0.84	0.85	0.86
Flash Point (°C)	>120	>170	>170	>170
Pour Point (°C) (ASTM D97)	< -32	< -12	-12	-11
Aromatic content (%)	<0.01			
Dielectric strength (kV/mm)	>60			
Interfacial tension (dynes/cm)	>40			
Acid value (mg KOH/g)	<0.03			
Power factor (% @ 25°C) (% @ 100°C)	0.05 0.03			
Vapour pressure (mmHg)	<0.1			
Colour	Clear, pale yellow or bright green			



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