



# AMERILUBE

ADVANCED TECHNOLOGY LUBRICANTS

## PGHD-XLT

HIGH DIELECTRIC BIODEGRADABLE  
HYDRAULIC FLUID

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### AMERILUBE PLANET GREEN - HIGH DIELECTRIC XLT

AMERILUBE PGHD-XLT is a super high performance biodegradable synthetic hydraulic fluid. Amerilube PGHD-XLT was developed specifically to provide exceptional operating performance in extremely cold temperature applications while providing much higher flash and auto-ignition points than conventional low temperature hydraulic fluids. The higher flash and auto-ignition points of PGHD-XLT contribute greatly to operator safety during operation of hydraulic equipment. PGHD-XLT was specifically developed for use in aerial device bucket truck applications where hydraulically operated tools are being used.

AMERILUBE PGHD-XLT biodegradable hydraulic fluid is NON-Toxic / NON-Hazardous and provides thermal and oxidative resistance that far surpasses conventional low temperature fluids that are typically used in extremely cold weather conditions.

AMERILUBE PGHD-XLT resists sludge and varnish formation and provides superior anti-wear protection for hydraulic equipment.

AMERILUBE PGHD-XLT also has extremely high dielectric strength for electrical resistance for applications in the vicinity of high voltage equipment or power lines.

- Excellent Oxidation Stability
- High Viscosity Index
- Very High Flash & Auto-Ignition Points
- Very Low Volatility
- Extremely High Film Strength
- Excellent Coolant Properties
- Energy Savings
- Carbon and Varnish Control
- Excellent Materials Compatibility
- Excellent Rust & Corrosion Control
- Very High Dielectric Resistance
- Very Long Fluid Life

#### Typical Properties

Lubricant Designation	PGHD-XLT15
ISO Grade	15
Viscosity Index	134
Viscosity cSt @ 40 °C (D445)	15.5
Viscosity cSt @ 100 °C (D445)	3.75
Oxidation Stability (D943) hrs	10000+
Oxidation Stability (D2272) min (RBOT)	2299
Color (D1500)	<.5
Flash Point °F	>360
Auto-Ignition °F	666
Pour Point °F	<-82
Copper Corrosion (D130)	1a
Rust Test (D665)	Pass
Foam Sequence 1	0/0
Pump Wear Test (Vickers 35VQ25)	Pass
Denison	Meets
FZG Stage (1-12) (DIN51354)	12
Demulsibility, 130 °F, 30 min	40/40/0
Dielectric Voltage (D877)	>42 Kv