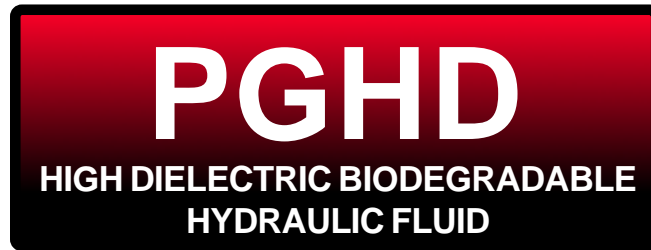




# AMERILUBE

ADVANCED TECHNOLOGY LUBRICANTS



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## AMERILUBE PLANET GREEN - HIGH DIELECTRIC

AMERILUBE PGHD biodegradable hydraulic fluids are super high performance fluids made with synthetic biodegradable base fluids and special proprietary additives. This synergistic combination of additives and synthetic base fluids provides exceptional performance even in the most demanding applications. AMERILUBE PGHD biodegradable hydraulic fluids are NON-Toxic / NON-Hazardous with excellent thermal and oxidative resistance. They resist sludge and varnish formation and provide superior anti-wear protection for hydraulic equipment. PGHD is biodegradable by CEC L 33-A-93, 60% 28 days, and is NSF registered H1 for incidental food contact.

AMERILUBE PGHD also provides for an extremely high electrical resistance for applications for use in the vicinity of high voltage equipment or power lines.

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

## Typical Properties

Lubricant Designation	PGHD 10	PGHD 15	PGHD 22	PGHD 32	PGHD 46	PGHD 68
Grade	10	15	22	32	46	68
Viscosity cSt @ 40 °C (D445)	10.7	15.3	23.1	31.0	45.1	66.3
Viscosity cSt @ 100 °C (D445)	2.8	3.8	4.5	5.4	6.9	9.0
Oxidation Stability (D943)	10000+	10000+	10000+	10000+	10000+	10000+
Color (D1500)	<.5	<.5	<.5	<.5	<.5	<.5
Flash Point °F (D92)	340	370	395	420	440	450
Pour Point °F (D97)	-61	-58	-52	-44	-40	-36
Copper Corrosion (D130)	1a	1a	1a	1a	1a	1a
Rust Test (D665)	Pass	Pass	Pass	Pass	Pass	Pass
Foam Sequence 1 (D892)	0/0	0/0	0/0	0/0	0/0	0/0
Pump Wear Test (Vickers 35VQ25)	Pass	Pass	Pass	Pass	Pass	Pass
Denison	Meets	Meets	Meets	Meets	Meets	Meets
FZG Stage (1-12) (DIN51354)	12	12	12	12	12	12
Demulsibility, 130 °F, 30 min (D2711)	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
Dielectric Voltage (D877)	>43 Kv	>43 Kv	>43 Kv	>43 Kv	>43 Kv	>43 Kv