



Forsythe®

SINCE 1911 - FORSYTHE.ON.CA

BioLogik

MADE GREEN & CLEAN IN CANADA
SUCCESS IN SUSTAINABILITY

TECHNICAL DATA

BIOLOGIK HYDRAULIC FLUID

Power Your Equipment Responsibly with HEES BioLogik Premium Synthetic Biodegradable Hydraulic Fluid

Enhance operations with Forsythe BioLogik Premium Synthetic Biodegradable Hydraulic Fluid, the ultimate solution for high-performance machinery that values environmental responsibility. Specifically engineered to meet the rigorous demands of modern hydraulic systems, this advanced fluid offers exceptional performance while minimizing environmental impact.

Formulated with renewable, biodegradable base oils and eco-friendly additives, BioLogik hydraulic fluid provides outstanding protection against wear, oxidation, and corrosion, ensuring smooth operation under high pressure and extreme conditions. With superior thermal stability and anti-foam properties delivering consistent performance, reducing downtime, and maintenance costs.

BioLogik Synthetic Hydraulic Fluids are perfect for industries operating in sensitive environments—such as agriculture, construction, forestry, and marine, this biodegradable fluid is fully compliant with environmental regulations, offering peace of mind and sustainability without sacrificing performance.

Make the switch to BioLogik hydraulic fluids that protect your equipment, optimize efficiency, and safeguards the planet. Trust Forsythe BioLogik Premium Synthetic Biodegradable Hydraulic Fluid to keep your machinery running smoothly while contributing to a cleaner, greener future. Because responsible performance isn't just a choice—it's the standard your business deserves.

FEATURES/BENEFITS

Meets Certification

- Biodegradable Formulation (OECD301B)
- Environmentally Acceptable Lubricant (EAL)
- USA EPA 2013 Vessel General Permit

Readily Biodegradable

- Biodegrades 60%+ in 28 days
- Non-Toxic (low aquatic toxicity)
- Biobased and sustainable
- Formulated from a minimum of 80% renewable resources

Superior Performance

- Excellent performance over a wide temperature range (-45°C to 100°C)

- Exceptional Wear Protection, Hydrolytic, and Thermal Stability

- Protects against rust and resists oxidation

Extended Fluid Life

- Exceptional water and debris separation
- Keeps systems clean for extended periods
- Fewer oil changes

Compatibility

- Compatible with most conventional mineral based hydraulics
- Compatible with most synthetic hydraulic fluids



For more information | 1-800-363-2759 | gforsythe@forsythe.on.ca

All technical information, recommendations and statements contained herein are based on tests we believe to be reliable. It is offered in good faith but without guarantee. We make no warranty expressed or implied as to the suitability of our product for any particular use in operations not under our direct control. Liability is limited to the net purchase price of the product.



Since 1911



PRODUCT SPECIFICATIONS

- Cincinnati Machine P-68, P-69, P-70
- U.S. Steel 127, 136 / German Steel SEB 181222
- DIN 51524 Parts 1 and 2, Type HLP
- DIN 51506, VDL
- GE Turbine Specifications [GEK 32568E (ISO 32) & GEK 28143A]
- Denison HF-0, HF-1, HF-2
- ISO 11158:1997, Family H, Type HM
- Bosch Rexroth RE 90220, Type HLP
- Eaton Vickers, I-286-S, M-2950, 35VQ25A

TYPICAL SPECIFICATIONS

PERFORMANCE DATA	ISO 15	ISO 22	ISO 32	ISO 46	ISO 68
Viscosity, cSt @ 40°C	15	22	32	46	68
Viscosity, cSt @ 100°C	4.04	5.49	7.00	8.51	12.57
Viscosity Index	177	203	218	173	198
Density (g/ml)	.899	.895	.901	.907	.904
Pour Point °C	-60	-60	-56	-54	-30
Flash Point °C	220	220	220	220	320
Copper Corrosion	1A	1A	1A	1A	1A
Oxidation Stability	>10,000	>10,000	>10,000	>10,000	>10,000
Foam Sequence I,II,III	Pass	Pass	Pass	Pass	Pass
OECD 301B (28 Days) % Biodegradation	60	60	60	60	76



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