



BIOLOGIK SYNTHETIC TO-4

Revolutionize Equipment Performance with Eco-Powered Excellence

Step into the future of heavy-duty performance with BioLogik Premium Biodegradable Synthetic TO-4 Fluid—the ultimate fusion of cutting-edge technology and environmental stewardship. Specially crafted to exceed Caterpillar’s demanding TO-4 standards, this high-performance fluid redefines reliability for transmissions, final drives, hydraulics, and wet brakes, delivering precision friction control and exceptional wear protection.

BioLogik biodegradable synthetic formula is built for operators who demand peak performance without compromising their commitment to the planet. With unparalleled thermal stability, extended service life, and reduced environmental impact, this fluid turns your machinery into a powerhouse of efficiency and sustainability.

Choose progress. Choose durability. Choose a fluid that works as hard as you do—while working smarter for the environment. With BioLogik Premium Biodegradable Synthetic TO-4 Fluid, you don’t just protect your equipment—you protect the future.

FEATURES/BENEFITS

Readily Biodegradable

- Biodegradable as per OECD 301B
- USA EPA 2013 Vessel General Permit
- Formulated with a minimum of 80% renewable resources
- Biodegrades 60% within 28 days*
- Non-Toxic (Passes Acute Toxicity LC-50 Criteria)
- Biobased and sustainable

Superior Performance and Compatibility

- Maximizes gear and drive train life allowing maximum load and minimum wear
- Minimizes wet brake chatter and noise while

maintaining brake capacity

- Excellent filtration and resistance to water
- Prevents slipping and burning of clutches, allowing faster breaking
- Exceptional rust and corrosion protection (even in presence of water)
- Extends gasket and seal life while preventing oil leaks
- Fully compatible with hydrocarbon and PAO based TO-4 fluids

RECOMMENDED USES

- Gears
- Pumps
- Differentials
- Bearings
- Disk Brakes
- Transmissions
- Power Take Off (PTO)
- Axles

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.





OEM SPECIFICATIONS:

- Vickers 3VQ25A
- Allison C-4 (SFU)
- Caterpillar TO-4M
- ZF TE-ML 03C
- ZF TE-ML 07F
- Dana Powershift (SFU)
- Komatsu Dresser (SFU)
- Tremec TTC (SFU)

TYPICAL SPECIFICATIONS

PERFORMANCE DATA	ASTM			
SAE Grade		10W	30	50
Viscosity, cSt @ 40°C	D-445	34	59	142
Viscosity, cSt @ 100°C	D-445	6.55	9.5	18
Viscosity, cP @ -25°C	D-2983	3000	4000	-
Viscosity, cP @ -35°C	D-2983	16900	17900	-
Viscosity Index	D-2270	151	143	141
Density	(g/ml @ 20°C)	0.95	0.96	0.96
Pour Point °C	D-97	-50	-42	-30
Flash Point °C	D-92	180	193	>200
Fire Point °C	D-92	>200	>200	>200
Colour	Visual	Clear Liquid	Clear Liquid	Clear Liquid
Copper Corrosion	D-4048	1A	1A	1A
Rust Prevention	D-665	Pass	Pass	Pass

Please follow manufacturer's specification for selection of the SAE Grade



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