

Overview ▶ BioFlo Synthetic UTF is formulated from synthetic readily biodegradable, high lubricity base oils and proprietary anti-wear and anti-corrosion additives. It is a multifunctional fluid for high-pressure tractor hydraulics, transmissions and final drives that share a common reservoir. BioFlo Synthetic UTF protects against varnish and sludge in harsh operating environments and is optimized for year round use, eliminating the need to change oils based on summer and winter conditions.



BioFlow Synthetic UTF fluids are formulated featuring our proprietary eSyn™ technology.

Typical Properties ▼

Property	ASTM Test Method	Synthetic UTF
Product Code		BF2104046
Specific Gravity	ASTM D1298	0.91
Viscosity, @40°C, cSt	ASTM D445	48.5
Viscosity, @100°C, cSt	ASTM D445	9.5
Viscosity Index (VI),	ASTM D2270	>200
Pour Point, °F (°C)	ASTM D97	-40 (-40)
Flash Point, °F (°C)	ASTM D92	>430 (225)
Copper Corrosion,	ASTM D4048	1A
Rust Test A & B	ASTM D665	PASS
Biodegradability, %	OECD 301B	PASS >70
Minimally Toxic	OECD 201, 202, 203	PASS
Non Bioaccumulative		PASS
BioBased Content, %	ASTM D6866	>63

Key Attributes / Approvals ▶



Any industry (construction, refuse, mining, dredging, marine, agriculture, forestry, etc.) utilizing mobile or stationary equipment where a UTTO is required, especially systems where a release into the environment is possible or where a leak or spill could reach a waste stream.

- Classified as Environmentally Acceptable Lubricants (EAL's) as per the EPA's guidance document that defines standards for Environmentally Acceptable Lubricants (EPA 800-R-11-002) and as required by EPA's 2013 U.S. Vessel General Permit (VGP)
- Meets John Deere J20C and J20D specifications
- Meets Allison C-4 specification
- Meets Caterpillar TO-2 specification

See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information.

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