

Overview ▶ BioFlo FG 32/46 is a readily biodegradable, high performance food grade lubricant that meets the requirements for high-pressure anti-wear hydraulic fluids for the food processing industry. BioFlo FG32/46 is NSF registered as meeting the guidelines of an H1 product for incidental food contact. Excellent lubricity and temperature stability provide efficient power transfer and superior service life with minimal viscosity change over a broad range of applications.



BioFlo FG 32/46 is formulated featuring our proprietary eSyn™ technology and is available in ISO grade 40.

Typical Properties ▼

Property	ASTM Test Method	FG 32/46
Product Code		FBF2903246
ISO Grade		40
Specific Gravity	ASTM D1298	.091
Viscosity @40°C, cSt	ASTM D445	40
Viscosity @100°C, cSt	ASTM D445	10
Viscosity Index (VI)	ASTM D2270	>200
Pour Point °F (°C)	ASTM D97	8 (-13)
Flash Point °F (°C)	ASTM D92	>500(260)
Copper Corrosion	ASTM D4048	1A
Rust Test, A & B	ASTM D665	Pass
Readily Biodegradable (meaning>60%)		Pass
Biodegradability, %	OECD 301B	>90
Bio-based Content, %	ASTM D6866	>95

Key Attributes / Approvals ▶



- NSF H 1 Food Grade Lubricant - #141209
- Superior anti-wear protection
- Excellent oxidation and temperature stability
- 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)

Use in hydraulic systems where a release into the environment is possible, where mandated by law, or where a leak or spill could reach a waste stream. Any industry, especially those with food processing equipment or food packaging equipment, either indoor or outdoor, utilizing mobile or stationary hydraulically powered equipment.

See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information. Rev. BFFG-06082020