

### DESCRIPTION

BioFlo FG 32/46 is a multi-viscosity, readily biodegradable, high performance, food grade hydraulic fluid 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.

### FEATURES & BENEFITS

- NSF H1 Registered Food Grade Lubricant
- Superior anti-wear protection
- Excellent oxidation and temperature stability
- Improved lubricity over petroleum products

### SUITABLE USES

Any industry, especially those with food processing equipment or food packaging equipment, either indoor or outdoor, utilizing mobile or stationary hydraulically powered equipment. 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.

### LIMITATIONS

Not for use in cold applications, less than 20° F

### APPLICATION / TECHNICAL SUPPORT

- Follow recommendations provided in your equipment owner's manual
- Follow your organization's best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices
- **Technical Support** - If you have further questions, please fill out contact form on [bioblend.com](http://bioblend.com) and one of our team will contact you to review your question(s)

### APPROVALS / CERTIFICATIONS

- eSyn Certified
- NSF H1 Registered
- Classified as environmentally acceptable lubricants (EAL's) as per EPA standards for biodegradability, toxicity and bioaccumulation in aquatic environments

### PACKAGE SIZES

- 5 Gal Pails
- 55 Gal Drums
- 275 Gal Totes

### STORAGE

Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality, do not store in heat or direct sunlight.

### CAUTIONS

Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the safety data sheet (SDS) for emergency, proper handling, and disposal information.

### AVAILABILITY

Worldwide

**TYPICAL PROPERTIES**

Technical Properties	Test Method	FG 32/46
Product Code		BFFG3246
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
Performance Properties		
Pour Point °F (°C)	ASTM D97	8 (-13)
Flash Point °F (°C)	ASTM D92	>550(288)
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

The values quoted above are typical of normal production. They do not constitute a specification.

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**APPROVALS / CERTIFICATIONS LOGOS**
