



## **EAL, BIODEGRADABLE FIRE RESISTANT (HFDU) HYDRAULIC FLUIDS ISO 46 & 68**

Hydraulic fluids often come in contact with hot materials and surfaces, adding significant risk in high-temperature situations. Hose breaks, leaks and even spills can lead to catastrophic results.

Choosing a fire-resistant hydraulic fluid makes good sense for safety, productivity and performance. Not all fire resistant hydraulic fluids are created equal. BioFlo HFDU and Synthetic HFDU are compatible with most mineral oils and polyolester type hydraulic fluids, which makes switching less complicated. BioFlo HFDU and Synthetic HFDU provide safer options that will not sacrifice performance. Both products are high-performance, sustainable and Factory Mutual approved.

BioBlend BioFlo HFDU and Synthetic HFDU are Factory Mutual Approved under Standard 6930, Flammability classification of Industrial Fluids, and are listed in the FM Approval Guide at [www.fmglobal.com](http://www.fmglobal.com).

## FEATURES & BENEFITS

- ⊕ Readily biodegradable
- ⊕ High flash point for combustion resistance and low degree of evaporation
- ⊕ Formulated with zinc free, ashless anti-wear additive technologies
- ⊕ Environmentally acceptable lubricant (EAL)
- ⊕ Naturally high viscosity index for stability in a wide temperature range
- ⊕ High performance formulation can reduce operating temperatures and component wear
- ⊕ Excellent solvency reduces deposits and varnish
- ⊕ Formulated with premium quality biobased synthetic polyol esters (POE) - SYN HFDU

## WHY USE FM APPROVED

- The products represent a low fire hazard
- It's use may not require additional automatic sprinkler protection
- FM Approval testing is considered among the most rigorous in the world
- Fire-resistant fluids can reduce the extent of damage and costs associated with an accidental ignition
- It certifies that the product is less flammable and hazardous than conventional mineral oil products

## INDUSTRIES

Foundries, steel mills, construction, mining, marine, oil & gas, plant operations and more.

## HIGHLIGHTS

SYNTHETIC HFDU	Test Method	46	68
Product Code		BFSYNHFDU46	BFSYNHFDU68
Viscosity @ 40°C	ASTM D445	46	68
Pour Point °F (°C)	ASTM D97	-40 (-40)	-20 (-4)
Flash Point °F (°C)	ASTM D97	>572 (300)	>572 (300)
Viscosity Index (VI)	ASTM D2270	>210	>185

HFDU	Test Method	46	68
Product Code		BFHFDU46	BFHFDU68
Viscosity @ 40°C	ASTM D445	46	68
Pour Point °F (°C)	ASTM D97	-13 (-25)	-13 (-25)
Flash Point °F (°C)	ASTM D97	600 (315)	600 (315)
Viscosity Index (VI)	ASTM D2270	>200	>200

Use HFDU and SYN HFDU in any industry that uses high pressure hydraulic systems where spills, leaks or ruptured lines could encounter an ignition source.

## CERTIFICATIONS



BIOFLO HFDU and BIOFLO SYN HFDU are eSyn™ Certified. “Environmental Synergy” without compromising performance.

### AVAILABLE IN:

- Tote
- Drum
- Pail



[bioblend.com](http://bioblend.com)