

# BioFlo AW<sup>S</sup>

## BIODEGRADABLE SYNTHETIC HYDRAULIC FLUID

### DESCRIPTION:

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**BioFlo AW<sup>S</sup>** biodegradable Anti-Wear synthetic hydraulic fluids are formulated from readily biodegradable renewable high lubricity natural and synthetic base stocks. These high performance products can reduce operating temperatures, friction and component wear in mobile and industrial hydraulic systems. Excellent thermal and oxidative stability assure superior service life with minimal viscosity change over a broad range of operating temperatures. Available in ISO grades 15,22,32,46, and 68.

### FEATURES:

- ◆ Readily biodegradable renewable resource.
- ◆ Superior anti wear and extreme pressure protection.
- ◆ High viscosity index/temperature stability.
- ◆ Low sustainable operating temperature.
- ◆ Ultra-low toxicity.
- ◆ Multi-Grade Performance.

### TECHNICAL DATA:

BioFlo		AW <sup>S15</sup>	AW <sup>S22</sup>	AW <sup>S32</sup>	AW <sup>S46</sup>	AW <sup>S68</sup>
ISO Grade:		15	22	32	46	68
Specific Gravity:	ASTM D1298	.90	.87	.87	.87	.90
Viscosity	ASTM D445					
@ 40°C, cSt:		15	22	32	46	68
Viscosity Index:	ASTM D2270	>190	>180	>215	>215	>215
Pour Point °F (°C):	ASTM D97	-45(-42)	-30 (-34)	-30 (-34)	-30 (-34)	-30(-34)
Flash Point °F (°C):	ASTM D92	>400 (204)	>325 (163)	>325(163)	>470 (243)	>470 (243)
Copper Corrosion:	ASTM D4048	1A	1A	1A	1A	1A
Rust Test, A & B:	ASTM D665	Pass	Pass	Pass	Pass	Pass
4 Ball Wear, Scar, mm:	ASTM D4172	<.50	<.50	<.50	<.50	<.50
Biodegradability, %:	OECD 301B			>76	>78	>75
Dielectric Breakdown Voltage	ASTM D877	>55 kV	>55 kV	>55 kV	>55 kV	>55 kV
Aquatic Toxicity, Sheepshead						
Minnow, LC50, 48hrs., ppm	EPA-821-R-02-012	>30,000	>30,000	>30,000	>30,000	>30,000

### AVAILABLE PACKAGING:

5 Gallon Pails, 55 Gallon Steel or Plastic Drums, 275 Gallon Totes, and Bulk.



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