

BioFlo AW^S

BIODEGRADABLE AW SYNTHETIC HYDRAULIC FLUID

DESCRIPTION:

BioFlo AW^S 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.
- ◆ Advanced rust and corrosion protection.
- ◆ High viscosity index/temperature stability.
- ◆ Low sustainable operating temperature.
- ◆ Ultra-low toxicity.

TECHNICAL DATA:

BioFlo		AW ^{S15}	AW ^{S22}	AW ^{S32}	AW ^{S46}	AW ^{S68}
ISO Grade:		15	22	32	46	68
Specific Gravity:		.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
Biodegradability, %:	CEC-L-33-A-94	>80	>85	>90	>85	>80
Suggested Operating Range		-35F to 200F	-20F to 200F	-20F to 200F	-20-200F	-20-200F
Dielectric Breakdown Voltage	ASTMD877	>55 kV	>55 kV	>55 kV	>55kV	>55kV
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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