



P.O. Box 754,
Edinboro, PA 16412-0754

sales@beaconlubricants.com

toll free: (877) 734-7334
phone: (814) 734-7535
fax: (814) 734-3460

technical data sheet

Signal Green Enviro Fluid AW 68

Product Application:

Signal Green Enviro Fluid AW 68 is a premium, heavy duty, environmentally conscious biodegradable hydraulic oil specifically blended from biosynthetic, high oleic base oils fortified with nontoxic and anti-corrosion additives. It is developed to meet the requirements of high output hydraulic systems and is designed for use in high pressure or high-speed vane and gear-type hydraulic pumps, rotary vane-type compressors, machine tools and circulating systems as well as any application requiring a biodegradable hydraulic oil such as, excavating, elevator and escalator service and marine applications.

Package Size:

2.5 gallon containers, 5 gallon Pails, 55 gallon Drums

Features & Advantages:

- *Utilizes high oleic base oils for superior performance
- *Readily biodegradable
- *Excellent demulsibility
- *Advanced rust and corrosion protection
- *Low air entrainment to increase circulation rates

Typical Characteristics:

Specific Gravity	ASTM D1298	0.91
Viscosity	ASTM D445	
@40°C, cSt		67.8
@100°C, cSt		10.11
@100°F, SUS		300
Pour Point °F (°C)	ASTM D97	-5(-17)
Flash Point °F	ASTM D92	>550
Copper Corrosion	ASTM D4048	Pass
Rust Test A & B	ASTM D665	Pass
Biodegradability %	OECD 301B	90
Biodegradability %, Readily	OECD 301B	>70 (10-day window)
4 Ball Wear (mm)	ASTM D4172	0.44
Viscosity Index	ASTM D2270	215
Biobased Content %	ASTM D6866	96
Vessel General Permit (VGP)	EPA NPDES	Pass
Smoke Point °F		475
Fire Point °F		650

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