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technical data sheet

## Signal Green Enviro Fluid AW 40

### Product Application:

Signal Green Enviro Fluid AW 40 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		40
@100°C, cSt		8.8
@100°F, SUS		230
Pour Point °F (°C)	ASTM D97	-8(-22)
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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