

Overview ▶ BioFlo EPIC EO is formulated from readily biodegradable, High Oleic base oils coupled with proprietary non-toxic rust and anti-corrosion additives. The special rust & oxidation (R&O) additives and anti-foam agents help provide maximum demulsibility of water and reduce air entrainment to provide higher circulation rates. This high-performance formula can reduce operating temperatures, friction and component wear in elevator hydraulic systems. High Oleic base oils enhance thermal and oxidative stability and assures superior service life with minimal viscosity change over a broad range of operating temperatures.



BioFlo EPIC EO Plus fluids are formulated featuring our proprietary **eSyn™** technology and is available in ISO 32.

Typical Properties ▼

Property	ASTM Test Method	EPIC EO 32
Product Code		BF2106132
ISO Grade		32
Specific Gravity	D-1298	0.91
Viscosity @40°C, cSt	D-445	32
Viscosity @100°C, cSt	D-445	7
Viscosity Index (VI)	D-2270	>200
Pour Point °F (°C)	D-97	-30 (-34)
Flash Point °F (°C)	D-92	>400 (204)
FZG Load Stage	DIN 51354	12
Copper Corrosion	D-4048	1A
Rust Test A & B	D-665	Pass
4 Ball Wear Scar, mm	D-4172	<0.50
Dielectric Breakdown Voltage kV		>55
Readily Biodegradable (meaning>60%)		Pass
Biodegradability %	OECD 301B	>76
Minimally Toxic		Pass
Algae (EC 50), 72 hr, mg/L	OECD 201	>20,000
Daphnia (EC 50), 48 hr, mg/L	OECD 202	>5,500
Fish (LC 50), 96 hr, mg/L	OECD 203	>34,000
Not Bioaccumulative (Calculated value as per EPA standard)		Pass
Bio-based Content %	D-6866	>86

Key Attributes / Approvals



- High viscosity index / temperature stability
- Utilizes High Oleic base oils for superior performance
- Advanced rust and corrosion protection
- Low air entrainment to increase circulation rates
- USDA BioPreferred Program
- Classified as Environmentally Acceptable Lubricants (EAL's) as per the EPA's guidance document that defines standards for Environmentally Acceptable Lubricants (EPA 800-R-11-002) and as required by EPA's 2013 U.S. Vessel General Permit (VGP)
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See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information.

Rev. BFEPICEOPlus-06042020