

DESCRIPTION

BioFlo Elevator Oil is formulated from readily biodegradable, high lubricity 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. Excellent thermal and oxidative stability assures superior service life with minimal viscosity change over a broad range of operating temperatures.

FEATURES & BENEFITS

- High viscosity index / temperature stability
- Advanced rust and corrosion protection
- Low air entrainment to increase circulation rates
- Classified as an Environmentally Acceptable Lubricant (EAL)

SUITABLE USES

- eSyn Certified
- Hydraulic elevator oil

APPLICATION / TECHNICAL SUPPORT

- Follow recommendations provided in your equipment owner's manual
- Follow your organization's best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices
- **Technical Support** - If you have further questions, please fill out contact form on bioblend.com and one of our team will contact you to review your question(s)

APPROVALS / CERTIFICATIONS

Classified as an environmentally acceptable lubricant (EAL) 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)

PACKAGE SIZES

- 5 Gal Pail
- 55 Gal Drum
- 275 LB Totes

STORAGE

Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality, do not store in heat or direct sunlight.

CAUTIONS

Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the safety data sheet (SDS) for emergency, proper handling, and disposal information.

AVAILABILITY

Worldwide

TYPICAL PROPERTIES

Property	Test Method	Elevate 32
Product Code		BFE032
ISO Grade		32
Specific Gravity	ASTM D1298	0.91
Viscosity @40°C, cSt	ASTM D445	40.5
Viscosity @100°C, cSt	ASTM D445	8.5
Viscosity Index (VI)	ASTM D2270	>200
Pour Point °F (°C)	ASTM D97	-5 (-20.55)
Flash Point °F (°C)	ASTM D92	>550 (288)
FZG Load Stage	DIN 51354	11
Copper Corrosion	ASTM D4048	Pass
Rust Test A & B	ASTM D665	Pass
4 Ball Wear Scar, mm	ASTM D4172	<0.50
Dielectric Breakdown Voltage kV		>45
Readily Biodegradable (meaning>60%)		Pass
Biodegradability %	OECD 301B	>75
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	>30,000
Not Bioaccumulative (Calculated value as per EPA standard)		Pass
Bio-based Content %	ASTM D6866	>85

The values quoted above are typical of normal production. They do not constitute a specification.

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APPROVALS / CERTIFICATIONS LOGOS

