

### DESCRIPTION

BioLube Saw Guide Oil (SGO) is a petroleum free, readily biodegradable, low toxicity lubricant for use in lubricating fast moving surfaces such as saw guides. Natural ester base oil has an attraction to metal surfaces and provides superior lubricity and excellent equipment protection. Due to the low toxicity and biodegradable additives, it has minimal impact to the environment. High flash point makes the product safer than petroleum alternatives. Available in ISO grades 100 and 150.

### FEATURES & BENEFITS

- Biodegradable
- Non-toxic
- Excellent lubricity
- Prevents wear

### SUITABLE USES

To be used in stationary and mobile saw mill operations. Use in equipment where a release into the environment is possible, where the authorities have mandated the usage of an EAL, or where a leak or spill could reach a waste stream.

### 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](http://bioblend.com) and one of our team will contact you to review your question(s)

### APPROVALS / CERTIFICATIONS

- **eSyn Certified**
- Classified as environmentally acceptable lubricants (EAL's) as per EPA standards for biodegradability, toxicity and bioaccumulation in aquatic environments.

### PACKAGE SIZES

- 5 Gallon Pail
- 55 Gallon Drum
- 275 Gallon Tote

### 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**

Technical Properties	Test Method	100	150
Product Code		BLSGO100	BLSGO150
ISO Grade		100	150
Specific Gravity	ASTM D1298	0.91	0.91
Viscosity @40°C, cSt	ASTM D445	100	150
Viscosity @100°C, cSt	ASTM D445	18	25
Viscosity Index (VI)	ASTM D2270	>220	>220
Pour Point °F (°C)	ASTM D97	-30 (-34)	-30 (-34)
Flash Point °F (°C)	ASTM D92	>600 (315)	>600 (315)
Performance Properties			
Timken OK Load, lbs	ASTM D2509	>60lbs	>60lbs
Falex EP Fail Load	ASTM D3233	3500	3500
Copper Corrosion	ASTM D4048	1A	1A
Rust Test, A & B	ASTM D665	Pass	Pass
Readily Biodegradable (meaning>60%)		Pass	Pass
Biodegradability, %	OECD 301B	>75%	>75%
Minimally Toxic		Pass	Pass
Algae (EC 50), 72 hr, mg/L	OECD 201	>16,545	>16,545
Daphnia (EC 50), 48 hr, mg/L	OECD 202	>11,024	>11,024
Fish (LC 50), 96 hr, mg/L	OECD 203	>23,390	>23,390
Not Bioaccumulative (Calculated value as per EPA standard)		Pass	Pass
Bio-based Content, %	ASTM D6866	>97%	>97%
Tackifier		Yes	Yes

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

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**APPROVALS / CERTIFICATIONS LOGOS**

