

BIO LUBE SGO



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

Features & Benefits:

- High flash and fire points
- Excellent lubricity
- Prevents wear
- Low toxicity
- Biodegradable

Physical Properties	SGO 100	SGO 150
ISO Grade	100	150
Specific Gravity	.91	.91
Viscosity, ASTM D445 @40°C, cS	100	150
Viscosity, ASTM D445 @100°C, cS	18	25
Viscosity Index (VI), ASTM D2270	>220	>220
Pour Point, ASTM D97, °F (°C)	-30 (-34)	-30 (-34)
Flash Point, ASTM D92, °F (°C)	>600 (315)	>600 (315)
Timken OK Load, ASTM D2509	>60lbs	>60lbs
Falex EP Fail Load, ASTM D3233	3500	3500
Copper Corrosion, ASTM D4048	1A	1A
Rust Test, ASTM D665, A & B	PASS	PASS
Readily Biodegradable (meaning>60%) OECD 301B, %	PASS >75	PASS >75
Tackifier	YES	YES

Applications & Industries: 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.