

Saw Guide Oil

PRODUCT DESCRIPTION

Bel-Ray® Saw Guide Oils are premium lubricants formulated to lubricate saw guides, blades, and arbor bearings in the demanding conditions of timber mills. They are formulated with high-quality base oils and a balanced additive system to reduce friction and wear, they extend blade life, improve cutting accuracy, and maximize equipment productivity. Tackifiers help the lubricant adhere to metal surfaces to minimize sling-off, reduce oil misting, and maintain an effective lubricating film. Robust rust and corrosion inhibitors protect equipment exposed to water and moisture for extended service life.

PRODUCT FEATURES and BENEFITS

- Tackifier-enhanced formulation clings to blades and guides, even in wet conditions, to reduce lubricant sling-off and help control oil consumption.
- Reduces friction and operating temperatures to extend blade and equipment life.
- Maintains a consistent lubricating film to promote accurate cuts, reduce material waste, and increase productivity.
- Outstanding rust and corrosion protection to help safeguard equipment operating in wet environments.
- Helps reduce pitch buildup, decreasing cleaning frequency and equipment downtime.

APPLICATIONS

Bel-Ray Saw Guide Oils are recommended for lubricating saw guide systems, blades, and arbor bearings in timber mill equipment. They may be applied through intermittent drip systems or by brush or spray on gang saws, edgers, trimmers, bandmills, circular saws, and bandsaws.

PRODUCT DATA

Typical Properties				
Property	Test Method	ISO 46	ISO 100	ISO 320
Density @ 15°C (g/mL)	ASTM D4052	0.8730	0.8770	0.8850
Viscosity @ 40°C (cSt)	ASTM D445	48.5	100	293
Viscosity @ 100°C (cSt)	ASTM D445	7.1	11.4	23.2
Viscosity Index	ASTM D2270	105	100	98
Pour Point, °C (°F)	ASTM D97	-9 (-16)	-9 (-16)	-9 (-16)
Flash Point, °C (°F)	ASTM D92	213 (415)	216 (421)	255 (492)
Rust Prevention	ASTM D665A	PASS	PASS	PASS

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com