



INDUSTRIAL  
LUBRICANTS &  
SERVICES LIMITED

## Technical Data sheet

### ILS SAW BLADE OIL

*Emulsifiable Biodegradable Saw Lubricant*

#### Description

ILS SAW BLADE OIL is a water soluble, readily biodegradable lubricant designed for applications in the sawmilling industry. ILS SAW BLADE OIL is based on highly refined vegetable esters combined with special additives. Developed to replace the usual mineral oil based lubricants.

#### Typical Applications

ILS SAW BLADE OIL is formulated to give excellent lubrication to saw guides, wheels and blades, thereby enabling higher accuracy cutting, while resisting resin build up on the saw blades. Saw Blade Oil is applicable for both band saw and circular saws. Saw Blade Oil is used neat or can be mixed with water. Saw Blade Oil can be applied by gravity drip feed, or via fixed dosing in neat form, or diluted with water via a venture system and sprayed directly onto the saw blade.

#### Advantages

- Improved lubricating performance;
- Creates safer and healthier work environment;
- Readily biodegradable

#### Typical Properties

PARAMETER	UNIT	TEST METHOD	VALUE
Density at 15 °C	kg/m <sup>3</sup>	ISO 12185	921
Kinematic Viscosity at 40°C		ASTM D445	32
pH (5% in distilled water)	mm <sup>2</sup> /s		5.4
Corrosion (5% in 20°C dH)			negative
Biodegradability (within 21 days)	%	OECD 301B	>98

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