

## Saw Blade & Guide Oil

### Biodegradable Saw and Saw-guide Lubricant

#### Description

**LUBECO™ Saw Blade & Guide Oils** are high performance, naturally tacky and readily biodegradable lubricants for heavy duty applications requiring a high level of lubricity and anti-wear & anti-corrosion protection. **Saw Blade & Guide Oils** contain specially selected EP/Extreme Pressure and AW/Anti-Wear additives and naturally present extremely high Viscosity Index. Developed to replace the usual mineral oil based lubricants in order to provide a greater performance and reduce environmental footprint.

#### Areas of Application

**Saw Blade & Guide Oils** are designed for the lubrication of stationery power saws and cutting equipment in timber processing facilities.

#### Characteristic features

- Excellent lubricating properties - far superior than that of mineral oils
- Naturally greater adhesion than mineral oils
- Protected against polymerization
- Improved anti-corrosion & anti-wear protection
- Increased overall system efficiency
- Positive impact on CO<sub>2</sub> emissions
- Readily biodegradable – Over 98% Biodegradability within 21 days
- **EU Ecolabel Certificate of environmental excellence**



#### TYPICAL CHARACTERISTICS

PARAMETER	UNIT	TEST METHOD	ISO VG 40	ISO VG 100
Density at 15 °C	kg/m <sup>3</sup>	ISO 12185	924	942
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	40	100
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	9	18
Viscosity Index (VI)			>210	>200
Pour point	°C	ASTM D97	-30	-30
Flash point, COC	°C	ASTM D92	>230	>250
Steel corrosion at 100°C/3h			negative	negative
Biodegradability (within 21 days)	%	OECD 301B	>98	>98

Issue Date: 30/01/2019

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