

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 CO₂ emissions
- Readily biodegradable – Over 98% Biodegradability within 28 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 ³ | ISO 12185 | 924 | 942 |
| Kinematic Viscosity at 40°C | mm ² /s | ASTM D445 | 40 | 100 |
| Kinematic Viscosity at 100°C | mm ² /s | ASTM D445 | 9.1 | 17.6 |
| Viscosity Index (VI) | | | >210 | 195 |
| Pour point | °C | ASTM D97 | -30 | <-20 |
| 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: 20/03/2017

