

ENVIROLOGIC[®] SAW GUIDE OILS

IF IT ISN'T HIGH PERFORMANCE, IT ISN'T SUSTAINABLE.



ENVIROLOGIC[®] Saw Guide Oils (SGO) are readily biodegradable fluids for use in heavy duty saw drives. ENVIROLOGIC[®] Saw Guide Oils are based on natural ester technology and are direct replacements for mineral oil based saw guide oils. ENVIROLOGIC[®] Saw Guide Oils exceed the requirements of petroleum based saw guide oils and have excellent antiwear characteristics. They contain a special tackiness agent to reduce “sling off” during high speed saw operations. ENVIROLOGIC[®] Saw Guide Oils are biodegradable and reduces harmful effects to soil and water during operating use. Demonstrated effectiveness in operating at lower temperatures. ENVIROLOGIC[®] Saw Guide Oils provide overall lower wear and demonstrate superior temperature profiles in a 4-ball wear comparison, as well as superior performance in a 4 ball weld comparison. ENVIROLOGIC[®] Saw Guide Oils (SGO) are effective in lower operating temperatures, and offers low friction characteristics and improved performance when emulsified in water.



ENVIROLOGIC[®] Saw Guide Oils are currently available in ISO 40, 68 and 100 viscosities. Other viscosities are available on request in both emulsifying and non-emulsifying types. Contact RSC Bio Solutions with your specific application needs. In extremely cold weather, consult the manufacturer’s operating or service manual.

| TYPICAL PROPERTIES | ENVIROLOGIC [®] Saw Guide Oils |
|---|--|
| VISCOSITIES AVAILABLE, cSt AT 40 °C (ASTM D445) | 40, 68, 100 |
| VISCOSITY INDEX | 248 |
| FLASH POINT (ASTM D92, COC) | 240 °C (464 °F) |
| POUR POINT (ASTM D97) | -24 °C (-11 °F) |
| LOAD WEAR INDEX (ASTM D2783), Kg | 65 |
| 4-BALL EP WELD LOAD, kgf (ASTM D2783) | 315 |
| FALEX EP LOAD, lbf (ASTM D3233) | >4500 |
| TIMKEN OK LOAD, lbs (ASTM D2782) | >60 |
| FZG LOAD STAGE (ASTM D5182) | >12 |

SERVING GLOBAL HEAVY EQUIPMENT + FLEETS | MINING + INDUSTRIAL

