

# Signature<sup>®</sup> Saw Guide Oil

## Product Data Sheet



**Product Description:** Signature<sup>®</sup> Saw Guide Oils are blends are highly refined naphthenic base stocks fortified with Extreme Pressure (EP), soluble emulsifier, and special tackiness additives to provide lubrication and cleaning properties on modern high-speed lumber cutting machinery. They are suitable for use in spray mist, drip, or other systems lubricating gang saws used in high speed edges, drop saws on trimmers, and band saws used in processing raw timber.

Signature<sup>®</sup> Saw Guide Oils have emulsification characteristics to allow correct mixing of oil and water and tackiness properties to cling to saw and guide components and are designed for use with modern thin-kerf equipment in both hardwood and softwood mills.

### Benefits:

- Special base oils provide natural solvency to dissolve resins
- Excellent emulsification of water
- High tackiness to stay on saws and guides
- Non-corrosive & non-staining
- Outstanding low temperature flow properties

### Application:

- Edger gang saws
- Trimmers
- Band mills
- Older sawmill applications where circular saws are used
- Smaller portable circular or band mills

### Performance Levels: Field Tested in Hardwood and Softwood Mills

Typical Properties	Method	ISO 46	ISO 68	ISO 100	ISO 150
Viscosity, C5t at 40°C	D-445	48.8	69.4	105.6	150.8
Viscosity, C5t at 100°C	D-445	7.6	8.6	12.6	15.7
Viscosity Index	D-2270	122	93	113	107
Flash Point, COC°C (°F)	D-92	218 (424)	220 (428)	222 (432)	228 (442)
Pour Point, °C (°F)	D-97	-34 (-29)	-32 (-26)	-21 (-6)	-18 (-1)

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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