



## MOBIL™ SAWGUIDE OIL SERIES

Mobil Industrial , Canada

Premium Sawguide Lubricant

### Product Description

MOBIL™ SAWGUIDE OIL is specifically formulated to lubricate and protect guides on modern gang saws and edgers, while helping to reduce lubricant consumption. The choice of viscosity grade depends on equipment type, lubricant delivery system design and ambient temperatures.

MOBIL SAWGUIDE OIL is formulated to cling tenaciously to the guide in the presence of dirt and water to form an effective friction reducing film between the blade and the guide. Reducing the friction reduces the temperature. Lower temperatures require less cooling water; the result - drier sawdust. Friction reduction due to more robust oil film leads to less lateral movement of the blade and more accurate cuts resulting in reduction of kerf and waste.

### Features and Benefits

Features	Advantages and Potential Benefits
Potent EP/Antiwear additive system	Bonds with the guide and blade surfaces protecting them from wear, thereby extending component life
Excellent Rust and Corrosion Control	Protects blades from the effects of water common to the lumber industry
Control of Stray Mist	Reduces stray mist that could be ingested. Can lead to a healthier work environment
Oil Consumption Control	The tenacity of the lubricant film can protect from water wash off, thereby reducing consumption
Pitch Deposit Control	Reduced pitch buildup on saw surfaces can help to reduce cleaning maintenance on the saw

### Applications

Designed to lubricate modern gang saws and edgers

Can be applied in other applications where it's performance features are desirable

### Properties and Specifications

Property	MOBIL SAWGUIDE OIL 100	MOBIL SAWGUIDE OIL 150	MOBIL SAWGUIDE OIL 68
Grade	ISO VG 100	ISO VG 100	ISO VG 68
Density @ 15 C, kg/l, ASTM D4052		0.882	0.877
Emulsion, Time to 30 mL Water, 54 C, min, ASTM D1401			38
Emulsion, Time to 30 mL Water, 82 C, min, ASTM D1401		38	
Flash Point, Cleveland Open Cup, °C, ASTM D92	225	225	215

Property	MOBIL SAWGUIDE OIL 100	MOBIL SAWGUIDE OIL 150	MOBIL SAWGUIDE OIL 68
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	11.5	16.2	9.6
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	91	150	68
Pour Point, °C, ASTM D97	-24	-15	-30
Rust Characteristics, Procedure A, ASTM D665	PASS	PASS	PASS
Viscosity Index, ASTM D2270	107	113	121

## Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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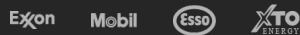
Calgary AB T2P 3 M 9

1-800-268-3183

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local Imperial Oil contact or visit [www.imperialoil.ca](http://www.imperialoil.ca)

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