



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

Please contact your Imperial Oil representative, or contact the Technical Service Center at 1800 268 3183 for further information on Mobil Sawguide oil, or any of Imperial Oil's other lubricants.

Typical Properties

	Mobil SAWGUIDE OIL 68	Mobil SAWGUIDE OIL 100	Mobil SAWGUIDE OIL 150
Colour	1.0	1.0	2.0
Flash Point °C	215	225	225
Density @ 15°C, kg/L	0.877	0.878	0.882
Kinematic Viscosity			
- cSt @ 40°C	68	91	150
- cSt @ 100°C	9.6	11.5	16.2
Pour Point, °C	-30	-24	-15
Water Separation Test, ml			
@ 54 °C	38		
@ 82°C		38	38
Rust Prevention	PASS	PASS	PASS
Falex Pin and V Block	8.5	9.0	7.2

	Mobil SAWGUIDE OIL 68	Mobil SAWGUIDE OIL 100	Mobil SAWGUIDE OIL 150
(ASTM D 2670) Mass Loss, mg. Tooth count	1	2	1

These values represent normal production quality. Some are controlled by manufacturing specifications while others are not. All may vary within modest ranges.

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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09-2022

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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 ExxonMobil contact or visit www.exxonmobil.com

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