



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. 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 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 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<br>- cSt @ 40°C<br>- cSt @ 100°C | 68<br>9.6             | 91<br>11.5             | 150<br>16.2            |
| Pour Point, °C                                       | -30                   | -24                    | -15                    |
| Water Separation Test, ml<br>@ 54 °C<br>@ 82°C       | 38                    | 38                     | 38                     |
| Rust Prevention                                      | PASS                  | PASS                   | PASS                   |
| Falex Pin and V Block                                | 8.5                   | 9.0                    | 7.2                    |
| (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.as>  
All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

09-2022

Imperial Oil

Petroleum and Chemicals Division  
Lubricants and Specialties  
240 Fourth Ave SW  
C. P. 2480, Station M  
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 ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)  
ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entity.

ExxonMobil

Exxon

Mobil

Esso

XTO

© Copyright 2003-2024 Exxon Mobil Corporation. All Rights Reserved