OM 100

Nonchlorinated Cutting Oil

TRIM® OM 100 is a straight cutting oil designed for general machining of all metals including aluminum, copper, brass, and cast iron. OM 100 provides excellent lubricity without staining nonferrous metals.

Straight Oils

Straight to the point-of-cut:

TRIM® straight oils, used "straight up", without dilution of water, provide maximum lubricity. Typically used for operations such as Swiss-style screw machines, honing, grinding very difficult-to-machine materials, and gun drilling.

Depending on the specific product, some TRIM straight oils are a high-end blend of various base oils; while others contain extreme-pressure additives to control built-up edge and for added tool life.

Get straight to the cut with TRIM straight oils.

Choose OM 100:

- Excellent lubricity for efficient metal removal
- Residues are very easily removed with a Master STAGES™ clean aqueous cleaner such as Master STAGES™ CLEAN 2029 "One Step"
- Will not stain
- No active sulfur or chlorine

OM 100 especially for:

Applications — band sawing, cutting, cylindrical grinding, drilling, grinding, machining, plain grinding, reaming, roll threading, surface grinding, tapping, thread forming, and through-feed centerless grinding

Metals — aluminum, brass, carbide, cast aluminum, cast iron, copper, exotic alloys, nonferrous metals, steels, tool steels, and yellow metals

Industries — automotive

OM 100 is free of — active sulfur, chlorine

Health and Safety

See the most recent SDS at
**Application Guidelines**

- TRIM OM 100 is designed to be used straight.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.2trim.us/distributors.php, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

**Physical Properties Typical Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear amber</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 329°F</td>
</tr>
<tr>
<td>Viscosity</td>
<td>20.90 cSt @104°F (40°C)</td>
</tr>
<tr>
<td>V.O.C. Content</td>
<td>21 g/l</td>
</tr>
</tbody>
</table>

**1-gallon jug**
SKU: OM100/1
UPC-12: 641238005483

**5-gallon pail**
SKU: OM100/5
UPC-12: 641238005513

**54-gallon drum**
SKU: OM100/54
UPC-12: 641238005520

**270-gallon tote**
SKU: OM100/NR270P
UPC-12: 641238040354

**Additional Information**

- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.
- TRIM® is a registered trademark of Master Chemical Corporation d/b/a Master Fluid Solutions.
- The information herein is given in good faith and believed current as of the date of publication and should apply to the current formula version. Because conditions of use are beyond our control, no guarantee, representation, or warranty expressed or implied is made. Consult Master Fluid Solutions for further information. For the most recent version of this document, please go to this URL: https://2trim.us/di/?plr=OM100*en-us*na