OM 300

Straight Oil

TRIM® OM 300 is a high-performance straight cutting oil designed with active extreme-pressure additives to reduce the formation of built-up edge in cutting hard-to-machine materials including 300 series stainless. Moderate viscosity and high flash point makes OM 300 a very effective lubricant for difficult creepfeed grinding operations.

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 300:
- Controls built-up edge
- Longer tool life
- Better finish
- Machines difficult ferrous and stainless steel alloys

OM 300 especially for:
Applications — creep-feed grinding, machining
Metals — ferrous metals, stainless steels, and steel alloys
Industries — aerospace

Health and Safety
See the most recent SDS at https://2trim.us/s/?i=1085-0-en-US-US
OM 300

Straight Oil

Application Guidelines

- TRIM OM 300 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>Dark Brown</td>
</tr>
<tr>
<td>Odor</td>
<td>Mineral oil</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 306°F</td>
</tr>
<tr>
<td>Viscosity</td>
<td>24.30 cSt @104°F (40°C)</td>
</tr>
<tr>
<td>V.O.C. Content</td>
<td>70 g/l</td>
</tr>
</tbody>
</table>

V.O.C. Content (ASTM E1868-10)

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=OM300*en-us*na