OE105

Ester Based Superfinishing Oil

TRIM® OE105 is an ester based straight grinding oil formulated for fine grinding and superfinishing. TRIM OE105 imparts excellent lubricity while keeping grinding wheels and stones extremely clean. This ensures fantastic surface finishes on hardened steel alloys, stainless steels and non-ferrous materials.

High Performance Straight Oils

Tough water white grinding oils:

Choose OE105:

- Excellent extreme-pressure additive package for efficient metal removal
- Very high lubricity
- Great detergency
- Fully saturated ester ensures unsurpassed oxidation stability
- Ester based formulation ensures very low misting potential
- Very high flash point for such a low viscosity product
- Compatible with copper containing alloys
- Light color and low odor for good operator acceptance

OE105 especially for:

Applications — grinding, honing, machining, milling, and turning
Metals — aluminum, cast iron, nickel alloys, stainless steels, steels, and titanium
Industries — aerospace, automotive, energy, general industry, and medical
OE105 is free of — chlorine, mineral oils, sulfur, and zinc

Health and Safety
See the most recent SDS at https://2trim.us/s/?i=2639-0-en-US-US
OE105

Ester Based Superfinishing Oil

Application Guidelines

- TRIM OE105 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>Straw yellow</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; 338°F</td>
</tr>
<tr>
<td>Viscosity</td>
<td>5.30 cSt @104°F</td>
</tr>
<tr>
<td></td>
<td>(40°C)</td>
</tr>
<tr>
<td>V.O.C. Content</td>
<td>13 g/l</td>
</tr>
</tbody>
</table>

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/dl/?plr=OE105*en-us*na