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:**

Use TRIM® high purity, high performance straight oils for tough carbide and HSS tool grinding.

Utilizing either highly refined hydrocracked base oils, fully saturated esters or a combination of the two ensures very low levels of mist, foam and consumption rates while delivering safe, high flash points. TRIM high performance straight oils provide excellent wheel flushing properties, good friction reduction qualities and workpiece cooling.

High purity delivers tough grinding performance.

**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

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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 (40°C)</td>
</tr>
<tr>
<td>V.O.C. Content</td>
<td>13 g/l</td>
</tr>
</tbody>
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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=OE105*en-us*na