



**OAK INTERNATIONAL**  
Global Metalforming Fluids

## **OAK DRAW<sup>®</sup> 905**

**METALWORKING OIL**

<b>APPLICATIONS</b>	<p><b>Oak Draw 905</b> Lubricant is a combination of extreme pressure and boundary additives for fin mills and aluminum fin collar drawing in the air conditioning and heat transfer industries.</p> <p><b>Oak Draw 905</b> Lubricant is used on aluminum fin mills for radiator and plate fin evaporator manufacturing. In this application <b>Oak Draw 905</b> has become a worldwide standard for over 20 years.</p>
<b>COMPETITIVE ADVANTAGES</b>	<ul style="list-style-type: none"><li>✓ Good die and tool life.</li><li>✓ Pre-tested on aluminum fin mills worldwide.</li><li>✓ High lubricity and wettability for drawing aluminum sheetstock.</li><li>✓ Easily cleaned off in Oak aqueous cleaners* (splits out completely).</li><li>✓ Safe on aluminum alloys.</li><li>✓ Splits out of water and Oak cleaners.</li><li>✓ Economical - Low end use cost.</li></ul>

<p><b>GETTING STARTED</b></p>	<p><b>FOR INDUSTRIAL USE ONLY</b></p> <p><b>Oak Draw 905</b> Lubricant is used as received and can be applied by immersion or spray methods.</p> <p>*Consult Oak Representative for the appropriate cleaner.</p> <p>Add no other substances to the concentrate or mix unless approved by your OAK Representative.</p>
<p><b>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</b></p>	<p><b>Physical state:</b> Liquid  <b>Appearance and odor:</b> Clear, slight petroleum  <b>Color available:</b> Light yellow  <b>Solubility in water:</b> Insoluble  <b>Weight, lb/gal, 60°F (15.6°C):</b> 7.4  <b>Specific gravity, (H<sub>2</sub>O = 1):</b> 0.88  <b>Viscosity SUS, 100°F:</b> 50  <b>Flash point, COC, °F (°C):</b> &gt; 230 (&gt; 110)  <b>Extinguishing media:</b> CO<sub>2</sub>, foam, dry chemical  <b>Unusual fire &amp; explosion hazards:</b> None  <b>pH, concentrate:</b> Not applicable  <b>Total chlorine, wt%, calculated:</b> 0.0  <b>Total sulfur, wt%, calculated:</b> 0.0  <b>Silicones:</b> None</p>
<p><b>PACKAGING</b></p>	<p><b>Available in 5-gallon pails, 55-gallon drums and bulk containers.</b></p>
<p>For additional information concerning <b>OAK DRAW 905</b>, refer to its OSHA MSDS or contact OAK INTERNATIONAL at 1-269-651-9790.</p> <p><b>WARRANTY:</b> Oak International, Inc. will grant credit on any product which proves defective in material or workmanship as determined by us subject to the following conditions: all material is subject to our inspection prior to issuing credit; any refund will be adjusted based on the volume of product used; no credit will be granted for used or unused product(s) over one year old as determined by the batch number. The terms in this warranty do not in any way extend to any product thereof covered by this agreement, which has a life, under normal usage, inherently shorter than the one year period indicated above. Except as set forth expressly in writing herein, there are no other warranties express or implied in respect of any product. No warranty of merchantability or fitness for purpose shall apply.</p> <p><b>LIMITATION OF LIABILITY:</b> Under no circumstances shall we or any affiliate of ours have any liability whatsoever for loss of use or for any indirect or consequential damages.</p> <p><b>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. 8/31/07 REV</b></p>	

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