



# CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

## **OAKFORM<sup>®</sup> DSY 6050** SYNTHETIC, METALFORMING FLUID CONCENTRATE

<b>APPLICATIONS</b>	<b>OAKFORM DSY 6050</b> is a light-duty, metalforming fluid designed to replace VOC containing vanishing oils on ferrous and some nonferrous metals.
<b>FEATURES &amp; BENEFITS</b>	<ul style="list-style-type: none"><li>• <b>WATER BASED, SYNTHETIC, METALFORMING FLUID</b></li><li>• <b>NO VOC'S</b></li><li>• <b>NO CHLORINE</b></li><li>• <b>NO SULFUR</b></li><li>• <b>VERY CLEAN</b></li><li>• <b>DRIES QUICKLY</b></li></ul>

<b>RECOMMENDED STARTING DILUTIONS</b>	<p><b>FOR INDUSTRIAL USE ONLY.</b></p> <p>Use between 25% (1:4) and 100% for light-duty stamping of ferrous and nonferrous metals.</p> <p>OAKFORM DSY 6050 is to be mixed with water for use (add concentrate to water). Add no other substances to the concentrate or mix unless approved by your Oak Signature representative.</p> <p>Not recommended for use with magnesium or alloyed magnesium.</p>
<b>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</b>	<p><b>Physical state:</b> Liquid  <b>Appearance and odor:</b> Clear, amber, cherry  <b>Colors available:</b> Undyed  <b>Solubility in water:</b> Complete  <b>Weight, lb/gal, 60°F (15.6°C):</b> 8.6  <b>Boiling point, °F (°C):</b> 212 (100)  <b>Flash point, COC, °F (°C):</b> None, self extinguishing.  <b>Fire point, COC, °F (°C):</b> NA  <b>Extinguishing media:</b> NA  <b>Unusual fire &amp; explosion hazards:</b> None  <b>Freezing point (or pour point), °F, (°C):</b> 30 (-1) If frozen, thaw completely at room temperature before use.  <b>pH, concentrate:</b> 8.9  <b>pH, 25% mix, typical operating conditions:</b> 8.7  <b>Total chlorine/chloride, wt%, calculated:</b> 0.00/&lt; 50 ppm  <b>Total sulfur, wt%, calculated:</b> 0.00  <b>Silicones, mineral oil:</b> none</p>
<b>PACKAGING</b>	<b>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</b>
<p><b>REFRACTOMETER FACTOR = 7.7</b> Multiply the scale reading obtained on most refractometers by the <b>Refractometer Factor</b> to obtain the mix concentration in percent.</p> <p><b>NOTE: Calibrate the refractometer so that it reads 0.0 with water, before testing the sample mix. Remove gross contaminants from the sample mix, before testing.</b></p>	
<p>For additional information concerning OAKFORM DSY 6050, refer to its OSHA MSDS or contact Technical Services at 1-513-458-8199. Reprints/Updates of this Product Information Flyer (PIF) can be found on our web site, <a href="http://WWW.OAKINTERNATIONAL.COM">WWW.OAKINTERNATIONAL.COM</a> or from your OAK INTERNATIONAL representative.</p> <p style="text-align: center;"><small>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.  Consumable Products Division/ Milacron Marketing Company  Cincinnati, Ohio 45209</small></p> <p><b>04/07/07</b> <span style="float: right;"><b>ISO CERTIFIED</b></span></p>	

