



# CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

## **OAKFORM<sup>®</sup> DSY 6551** SYNTHETIC, METALFORMING FLUID CONCENTRATE

<b>APPLICATIONS</b>	<p><b>OAKFORM DSY 6551</b> is a heavy-duty, synthetic, pourable paste for metalforming stainless steel, steel, aluminized and galvanized steel, zincrometal, and aluminum. With it's excellent lubricity and anti-wear properties, <b>OAKFORM DSY 6551</b> outperforms many products in difficult applications, such as deep drawing, stamping, blanking, bending, forming, tube bending, punching, piercing, and trimming operations.</p>
<b>FEATURES &amp; BENEFITS</b>	<ul style="list-style-type: none"><li>• <b>EXCELLENT DIE AND TOOL LIFE</b></li><li>• <b>EXCELLENT CORROSION PROTECTION ON FERROUS METALS</b></li><li>• <b>CLEAN</b> - Helps keep presses, dies, and tooling clean.</li><li>• <b>VERSATILE PRODUCT</b> - Performs on presses with single, compound, progressive, and transfer dies</li><li>• <b>NO MINERAL OIL</b></li><li>• <b>ALMOST NEUTRAL pH</b></li><li>• <b>NO SOLVENTS OR FIRE HAZARDS</b></li><li>• <b>DOES NOT CORRODE NONFERROUS AND EXOTIC ALLOYS</b></li><li>• <b>NO GUMMING OR DEPOSITS WHEN APPLIED AND MAINTAINED AT THE PROPER CONCENTRATION</b></li><li>• <b>EASILY REMOVED WITH AQUEOUS OAKWASH CLEANER OR VAPOR DEGREASING FLUID</b></li></ul>

**RECOMMENDED  
STARTING  
DILUTIONS**

**FOR INDUSTRIAL USE ONLY.**

Use neat or diluted with water as recommended by your OAK SIGNATURE representative. If diluted with water, agitation is required for proper mixing.

Add no other substances to the concentrate or mix unless approved by your OAK SIGNATURE Representative.

Not recommended for use with magnesium or alloyed magnesium.

**TYPICAL  
PHYSICAL AND  
CHEMICAL  
PROPERTIES**

**Physical state:** Soft paste  
**Appearance and odor:** Opaque, characteristic  
**Color available:** Off white  
**Solubility in water:** 100% miscible  
**Weight, lb/gal, 60°F (15.6°C):** 8.03  
**Specific gravity, (H<sub>2</sub>O = 1):** 0.97  
**Boiling point, °F (°C):** 212 (100)  
**Flash point, COC, °F (°C):** None, self extinguishing  
**Fire point, COC, °F (°C):** NA  
**Extinguishing media:** NA  
**Unusual fire & explosion hazards:** None  
**Freezing point (or pour point), °F, (°C):** < 40 (<4) Keep from freezing.  
**pH, neat:** 7.8  
**Total chlorine, wt%, calculated:** 0.00  
**Total sulfur, wt%, calculated:** 0.0  
Mercurials, phenols, phosphates, PCB's, PTBBA, nitrate, diethanolnitrosamine, chlorinated paraffins, chlorinated solvents, silicones, mineral oil: none

**PACKAGING**

**Available in 5-gallon pails, 55-gallon drums, and bulk containers.**

For additional information concerning OAKFORM DSY 6551, 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, [WWW.OAKINTERNATIONAL.COM](http://WWW.OAKINTERNATIONAL.COM) or from your OAK INTERNATIONAL representative.

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

04/07/07

ISO CERTIFIED

