



CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

OAKSPEC[®] D150 METALWORKING FLUID ADDITIVE

DESCRIPTION	<p>OAKSPEC D150 is a metalworking fluid additive which can be added to cationic synthetic metalworking fluid mixes in central systems or individual machines to improve or restore lubricity.</p>
WHEN TO USE	<p>Add OAKSPEC D150 to Oak Signature metalworking fluid mixes as recommended by Technical Services.</p>
HOW TO USE	<p>Pour OAKSPEC D150 directly into the "clean" side of a central filtration system where contamination is lowest and will be less likely to reduce its effectiveness. For individual machines, add directly to the sump (machine reservoir).</p>

<p>RECOMMENDED STARTING DILUTIONS</p>	<p>FOR INDUSTRIAL USE ONLY Use dilution is 1:1,000 (0.1%) and 1:250 (0.4%).</p> <p>OAKSPEC D150 is to be added to Oak Signature metalworking fluid mixes as described above.</p>
<p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p>	<p>Physical state: Liquid Appearance and odor: Clear, chemical Colors available: Undyed Solubility in water: > 1% & < 10% (1:10) Weight, lb/gal, 60°F (15.6°C): 8.6 Specific gravity, (H₂O = 1): 1.03 Boiling point, °F (°C): NA Flash point, COC, °F (°C): > 450 (> 232) Fire point, COC, °F (°C): > 450 (> 232) Extinguishing media: Chemical foam, carbon dioxide, water fog, dry chemical Unusual fire & explosion hazards: None Freezing point (or pour point), °F, (°C): -25 (-31.7) If frozen, thaw completely at room temperature. pH, concentrate: NA pH, 2.4% mix, typical operating conditions: 5.5 - 6.7 Total chlorine/chloride, wt%, calculated: 0.00/0.00 Total sulfur, wt%, calculated: 0.00 Silicones: None</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails and 55-gallon drums.</p>
<p>For additional information concerning OAKSPEC[®] D150, 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 or from your OAK INTERNATIONAL representative.</p> <p><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>03/02/06 ISO CERTIFIED</p>	

