



YOUR METALWORKING FLUID SOLUTIONS FOR SOLUTIONS

OAKFLO[®] DSS-CV3

SEMISYNTHETIC, METALWORKING FLUID CONCENTRATE

APPLICATIONS	<p>OAKFLO[®] DSS-CV3 is an economical, water soluble, semisynthetic metalworking fluid.</p> <p>Metals: Cast Iron, Nodular Iron, Carbon Steels, Alloy Steels, Aluminum, Copper, Brass, Bronze</p> <p>Duty Range: For light to moderate-duty operations</p>
FEATURES & BENEFITS	<p>OAKFLO[®] DSS-CV3 is a low-cost, general-purpose machining and grinding fluid, which can be used on a variety of materials and operations.</p> <p>MILD FLUID – A good choice for individual machine applications where mixes tend to become more concentrated than recommended.</p> <p>GOOD CLEANLINESS – Provides clean parts and keeps machines clean – Good residue characteristics – Residue is easily removed with an alkaline cleaner or just warm water.</p> <p>OPERATOR - FRIENDLY - Provides excellent part visibility - A fresh mix is transparent - No Smoke - Low misting – The product runs at a low operating pH range, making it mild to the skin.</p> <p>ADVANTAGES – Offers good foam and rancidity control.</p> <p>ECONOMICAL – Cost effective</p>

<p>RECOMMENDED STARTING DILUTIONS</p>	<p>FOR INDUSTRIAL USE ONLY Recommended Starting Dilution: 10% (1:10) Typical Operating Range: 8%- 12% (1:13 to 1:8)</p> <p>OAKFLO® DSS-CV3 is to be mixed with water for use (add concentrate to water).</p> <p>Add no other substances to the concentrate or mix unless approved by Oak Signature Technical Services. Not recommended for use with magnesium or alloyed magnesium.</p> <p>For concentration analysis, use the Total Alkalinity Titration Procedure, Non-Solvent Titration Procedure, CIMCHEK™ Test Strip, or Refractometer.</p>
<p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p>	<p>Physical state: Liquid Appearance and odor: Clear / Chemical Colors available: Undyed Solubility in water: 100% Miscible Weight, lb/gal, 60°F (15.6°C): 8.4 Specific gravity, (H₂O = 1): 1.00 Boiling point, °F (°C): 212 (100.0) Flash point, COC, °F (°C): None, Self extinguishing Fire point, COC, °F (°C): None, Self extinguishing Freezing point (or pour point), °F, (°C): 30 (-3) If frozen, thaw completely at room temperature. pH, concentrate: 9.9 pH, 10.0% mix, typical operating conditions: 9.6 Total chlorine/chloride, wt%, calculated: 0.00/<50 ppm Total sulfur, wt%, calculated: 0.140 Silicone: None</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</p>
<p>REFRACTOMETER FACTOR: 3.7 Multiply the scale reading obtained on your OAK SIGNATURE® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing. A refractometer is only recommended for use in checking the concentration on a fresh charge.</p>	
<p>SAFETY DATA SHEET Available at www.cimcool.com For additional information refer to its OSHA MSDS, website or contact your local OAK SIGNATURE SPECIALIST OR DISTRICT MANAGER, or you may contact OAK SIGNATURE® Technical Services at 1-513-458-8199</p> <p><i>Limitation of Liability: 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. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.</i></p> <p style="text-align: center;">3000 Disney Street Cincinnati, Ohio 45209 1-513-458-8199 Fax: 1-513-458-817</p> <p style="text-align: right;">PC B20089 2/16/2012</p>	

