



CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

OAKFLO[®] DSS-CV7

SEMISYNTHETIC, METALWORKING FLUID CONCENTRATE

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| APPLICATIONS | <p>Oakflo[®] DSS-CV7 is a general-purpose fluid for machining and grinding iron, steel and some aluminum.</p> <p>It has the performance capabilities of soluble oils. It is also recommended for tapping, reaming, turning, drilling, internal grinding, and centerless grinding.</p> <p>Metals: Cast Iron, Nodular Iron, Carbon Steels, High Speed Steel, High Alloy Steels, Stainless Steels and some aluminums</p> <p>Duty Range: For moderate to heavy -duty operations</p> |
| FEATURES & BENEFITS | <p>Oakflo[®] DSS-CV7 metalworking fluid is a clean, completely water soluble, phenol-free, semi synthetic product that contains an extreme pressure (EP) lubricant for superior machining and grinding capability.</p> <p>ADVANTAGES - Economical, Excellent lubricity, Excellent rancidity and mold control, Outstanding cleanliness, Leaves a soft residue</p> <p>BIOSTABLE - Exceptionally good bacteria and mold control</p> <p>ENVIRONMENTALLY FRIENDLY - Is waste treatable using standard fluid treatment procedures and systems. It can also be recycled for reuse using appropriate metalworking fluid recycling equipment.</p> <p>ECONOMICAL - Cost effective</p> <p>VERSATILE - Specially designed for machining and grinding of iron, steel and some aluminums</p> <p>CORROSION CONTROL - Excellent corrosion control on both ferrous and most non-ferrous metals</p> |

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| <p>RECOMMENDED STARTING DILUTIONS</p> | <p>FOR INDUSTRIAL USE ONLY Recommended Starting Dilution: 10% (1:10) Typical Operating Range: 8% (1:12) to 12% (1:8) For concentrations outside this range contact Technical Service at 513-458-8199.</p> <p>Oakflo® DSS-CV7 is to be mixed with water for use (add concentrate to water). Add no other substances to the concentrate or mix unless approved by Technical Services.</p> <p>Not recommended for use with magnesium or alloyed magnesium.</p> <p>For concentration analysis, use the MI Titration Procedure, Non-Solvent Titration Procedure, Total Alkalinity Titration Procedure, 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 Mix appearance: Hazy Weight, lb/gal, 60°F (15.6°C): 8.5 Specific gravity, (H₂O = 1): 1.01 Boiling point, °F (°C): 212 (100) Flash point, COC, °F (°C): None, Self Extinguishing Fire point, COC, °F (°C): None, Self Extinguishing Freezing point, °F, (°C): 30 (-1) Protect from Freezing. pH, concentrate: 10.2 pH, 10.0% mix, typical operating conditions: 9.0 Total chlorine/chloride, wt%, calculated: 2.9/<50ppm Total sulfur, wt%, calculated: 0.3 Silicones: None</p> |
| <p>PACKAGING</p> | <p>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</p> |
| <p>REFRACTOMETER FACTOR = 2.7 Multiply the scale reading obtained on your refractometer by the Refractometer Factor to obtain the mix concentration in percent.</p> | |
| <p>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.</p> | |
| <p>This product to be used within six months of its manufacture date indicated by the lot number on the container label.</p> | |
| <p>For additional information concerning OAKFLO DSS-CV7, 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>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. Milacron Marketing Company Cincinnati, Ohio 45209</p> | |
| <p>02/05/2009</p> | <p>ISO CERTIFIED</p> |

