



CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

OAKWASH[®] DSC 2050

CLEANER FOR CENTRAL FILTRATION SYSTEMS AND MACHINE RESERVOIRS

APPLICATIONS	<p>OAKWASH[®] DSC 2050 is recommended for cleaning individual machine and central system reservoirs, metalworking fluid lines, premix tanks, machines and parts and as an additive to improve a fluids sump life.</p> <p>Material: Ferrous</p> <p>OAKWASH[®] DSC 2050 - Improves rancidity control by removing biofilm, dirt, grit, insoluble soaps and oils - Improved mildness to skin compared to other machine cleaners - Extremely low foaming - Handles the toughest cleaning jobs, such as removing insoluble soaps from dirty central systems in hard water areas - Does not redeposit soil in machines or central systems - Thoroughly removes chip deposits and tramp oil from central systems and machines - Contains corrosion inhibiting ingredients to protect machines and parts (cast iron and steel) from rusting during cleaning</p>
FEATURES & BENEFITS	<p>OAKWASH[®] DSC 2050 can be used as a tank side additive or as a machine cleaner.</p> <p>As a tank side additive: During production add OAKWASH[®] DSC 2050 to the dirty fluid in the machine reservoir or central system to improve the cleanliness of the metalworking system. The use dilution is 0.5% to 1.0% for this purpose. Make additions of cleaner as needed.</p> <p>As a machine cleaner, options:</p> <ul style="list-style-type: none">• After draining: Drain used metalworking fluid and charge system with 2% OAKWASH[®] DSC 2050. -- Fill reservoir as full as possible so the mixture contacts all surfaces. -- Circulate for at least 2-4 hours through all lines and machine tools (does not cause rust), drain, rinse and recharge with a fresh OAK[®] Signature product. <p>With used fluid during shutdown: After production ceases, add one gallon of OAKWASH[®] DSC 2050 concentrate to each 50 gallons of dirty fluid (2%) in the machine reservoir or central system. Circulate the mixture for four hours or longer through all lines and machine tools. Drain, rinse and recharge with a fresh OAK[®] Signature product.</p>

<p>RECOMMENDED STARTING DILUTIONS</p>	<p>FOR INDUSTRIAL USE ONLY Recommended Starting Dilution: 2% (1:50) Typical Operating Range: 1% (1:100) to 4% (1:25) For concentrations outside this range contact Technical Service at 513-458-8199.</p> <p>OAKWASH® DSC 2050 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 Technical Services.</p> <p>For concentration analysis, use the Total Alkalinity Titration Procedure, CIMCHEK™ Test Strip, or Refractometer. Note: Concentration analysis can only be used when the product is being used alone, not mixed with a metalworking fluid.</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): 9.23 Specific gravity, (H₂O = 1): 1.106 Boiling point, °F (°C): 212 (100.0) Flash point, COC, °F (°C): None, self extinguishing Fire point, COC, °F (°C): NA Freezing point (or pour point), °F, (°C): <-25 (<-32) If frozen, product separates. Thaw completely at room temperature and stir thoroughly. pH, concentrate: 10.1 pH, 1.0% mix, typical operating conditions: 9.1 Total chlorine/chloride, wt%, calculated: 0.00/< 50 ppm Total sulfur, wt%, calculated: 0.00 Silicones: None</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</p>
<p>REFRACTOMETER FACTOR = 2.1 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 OAKWASH® DSC 2050, 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>12/21/06 ISO CERTIFIED</p>	

