

CIMCOOL®

METALWORKING FLUIDS

CimVantage® CSY-WR 234 SYNTHETIC, METALWORKING FLUID CONCENTRATE

APPLICATIONS	<p>CimVantage® CSY-WR 234 is an economical, water soluble, synthetic metalworking fluid.</p> <p>Metals: Aluminum Alloys (2024, 6061, 7050, 7075, 7475, 380, 390), Cast Iron, Nodular Iron, Carbon Steels, Stainless Steels, Titanium, Other Exotic Alloys, Copper Alloys, Brass Alloys and Bronze Alloys</p> <p>Duty Range: For moderate-duty operations</p>
FEATURES & BENEFITS	<p>CimVantage® CSY-WR 234 is a unique, low pH synthetic fluid designed for the aerospace industry.</p> <p>CORROSION CONTROL - Provides excellent bimetallic corrosion control especially on 7475 and 6061 aluminum, and steel</p> <p>EXCELLENT CLEANLINESS - Rejects tramp oil to keep product clean, which extends sump life</p> <p>OPERATOR - FRIENDLY - Provides excellent part visibility - A fresh mix is transparent - No Smoke - Low misting - Mild to the skin</p> <p>EXCELLENT MACHINE COMPATIBILITY - Very low foaming even when used with deionized water</p> <p>EXCELLENT RANCIDITY CONTROL - Excellent fluid life - Minimizes the need for additives</p> <p>ENVIRONMENTALLY FRIENDLY - Easily recycled</p> <p>OPERATOR & MACHINE FRIENDLY - Pleasant to use - Does not smoke or leave a slippery, oily film on parts, machines or surrounding areas - Stable and transparent</p> <p>ECONOMICAL - Very cost effective product, for value-added performance</p>

<p>RECOMMENDED STARTING DILUTIONS</p>	<p>FOR INDUSTRIAL USE ONLY Recommended Starting Dilution: 8% (1:13) Typical Operating Range: 8% (1:13) to 12% (1:8) For concentrations outside this range contact CIMCOOL® Technical Service at 513-458-8199.</p> <p>CimVantage® CSY-WR 234 is to be mixed with water for use (add concentrate to water). Add no other substances to the concentrate or mix unless approved by CIMCOOL® Technical Services.</p> <p>Not recommended for use with magnesium or alloyed magnesium.</p> <p>For concentration analysis, use the Total Alkalinity Titration Procedure, BCG 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): 8.8 Specific gravity, (H₂O = 1): 1.06 Boiling point, °F (°C): 212 (100) Flash point, COC, °F (°C): None, self extinguishing Fire point, COC, °F (°C): None, self extinguishing Freezing point (or pour point), °F, (°C): 22 (-6) If frozen, product separates. Thaw completely at room temperature and stir thoroughly. pH, concentrate: 8.2 pH, 8.0% mix, typical operating conditions: 7.9 Total chlorine/chloride, wt%, calculated: 0.00/0.07 Total sulfur, wt%, calculated: 0.00 Silicone: None</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</p>
<p>REFRACTOMETER FACTOR = 2.3 Multiply the scale reading obtained on your CIMCOOL® Metalworking Fluid or other acceptable 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>For additional information concerning CimVantage® CSY-WR 234, refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-458-8199. Reprints/Updates of this Product Information Flyer (PIF) can be found on our web site, WWW.CIMCOOL.COM or from your Milacron 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. Consumable Products Division/ Milacron Marketing Company Cincinnati, Ohio 45209</p> <p>PC-9995 8/22/07</p>	

