



Product Information Flyer

DESCRIPTION

CIMCLEAN 50 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.

APPLICATION

CIMCLEAN 50 - 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 ferrous corrosion inhibiting ingredients to protect machines and parts from rusting during cleaning

METHOD OF APPLICATION

CIMCLEAN 50 can be used as a tank side additive or as a machine cleaner.

TANK SIDE ADDITIVE:

During production add CIMCLEAN 50 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.

SUMP CLEANER:

After draining: Drain used metalworking fluid and charge system with 2% CIMCLEAN 50. -- 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 CIMCOOL[®] product.

With used fluid during shutdown: After production ceases, add one gallon of CIMCLEAN[®] 50 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 CIMCOOL[®] product.

RECOMMENDED STARTING DILUTIONS

CIMCLEAN 50 is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55F (13 C). Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

System cleaning 2%- 4% (1:50-1:25)

CONCENTRATION

A Total Alkalinity titration, CIMCHEK™ Test Strip or Refractometer can be used.

The Refractometer Factor is 2.1

Multiply the scale reading obtained on your CIMCOOL® 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 of a fresh charge.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in water: 100% miscible

Viscosity (SUS) @ 100°F: NA

pH Concentrate: 10.1

Total Chlorine/Chloride, wt%: 0/<50ppm

Silicones: None

Appearance and Odor: Clear/Chemical

Weight, lb/gal, 60°F (15.6 °C): 9.23

Flash Point /Sp.Gr./Boiling Point: SEE MSDS

pH Mix 2%, Typical Operating: 9.1

Total Sulfur, wt%: 0.00

HANDLING AND STORAGE

If frozen, product separates. Thaw completely at room temperature and stir thoroughly before use. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

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