



Product Information Flyer

DESCRIPTION

CIMSTAR 10-565VLC is a VALUE-LINE semi-synthetic metalworking fluid.

The VALUE LINE of products offers cost effective alternatives while maintaining good overall performance characteristics.

APPLICATION

CIMSTAR 10-565VLC was developed for use on ferrous and most non-ferrous materials. It can be used on mild steels, stainless steels, hardened steels, exotic materials and most aluminum alloys. It should not be used on magnesium alloys.

FEATURES & BENEFITS

VERSATILE PRODUCT:

For use in moderate to heavy duty machining and grinding applications, such as milling, drilling, cut tapping, reaming, boring and CBN, ID and Centerless grinding.

Good lubricity and contains extreme pressure lubricant agents.

CIMCOOL "VALUE-LINE":

Cost effectiveness with CIMCOOL performance

FOAM CONTROL:

CIMSTAR 10-565VLC has good foam control. If additional foam control is needed, CIMSTAR 10-565VLCB is also available.

RECOMMENDED STARTING DILUTIONS:

CIMSTAR 10-565VLC 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 55 F (13 C). Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

Grinding	5% - 10%	(1:20 to 1:10)
Machining	5% - 10%	(1:20 to 1:10)

CONCENTRATION

An MI Titration, Non-solvent Titration, Total Alkalinity, CIMCHEK™ Test Strip or Refractometer can be used.

The Refractometer Factor is 1.5

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 on a fresh charge.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid

Solubility in water: 100% miscible

Viscosity (SUS) @ 100°F: 850

pH Concentrate: 10.0

Total Chlorine/Chloride, wt%: 5.2/<50ppm

Silicones: No for 565VLC / Yes for 565VLCB

Appearance and Odor: Hazy/Chemical

Weight, lb/gal, 60°F (15.6 °C): 8.7

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

pH Mix 5%, Typical Operating: 8.8

Total Sulfur, wt%: 0.2

HANDLING and STORAGE

If frozen thaw completely at room temperature. 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.

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.