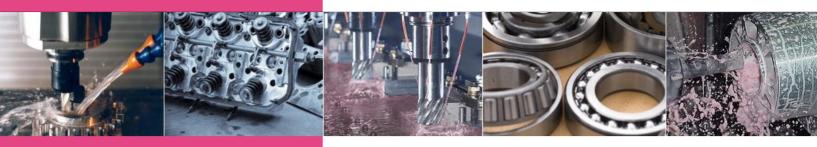


CIMSTAR® 66EPB

METALWORKING FLUID



Product Information Flyer

DESCRIPTION

CIMSTAR 66EPB semi-synthetic metalworking fluid is recommended for grinding and machining operations of ferrous and most non-ferrous metals where hard water condition exists.

APPLICATION

CIMSTAR 66EPB can be used on cast iron, nodular iron, carbon steels, high speed steels, high alloy steels, and most aluminum alloys. It should not be used on magnesium alloys.

Designed for moderate to heavy duty machining and grinding operations.

FEATURES & BENEFITS

HARD WATER TOLERANCE:

CIMSTAR 66EPB was designed to be used in metalworking fluid systems with high water hardness, typically exceeding 400 ppm.

VERSATILE:

The CIMTAR 66EPB is designed to provide good lubrication in a variety of operations on a variety of materials.

EXCELLENT RANCIDITY CONTROL:

Superior fluid life - Minimizes the need for additives.

FOAM:

Provides extra foam protection in soft water.

RECOMMENDED STARTING DILUTIONS

CIMSTAR 66EPB 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. 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

BCG Titration, Total Alkalinity or Refractometer can be used.

The Refractometer Factor is 1.7. A refractometer is only recommended for use in checking the concentration of a fresh charge. 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.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in water: 100% miscible Viscosity (SUS) @ 100°F: 2030

pH Concentrate: 9.4

Total Chlorine/Chloride, wt%: 3.7/< 50 ppm

Silicones: Yes

Appearance and Odor: Clear/Chemical Weight, lb/gal, 60°F (15.6 °C): 8.35

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

pH Mix 5%, Typical Operating: 8.9

Total Sulfur, wt%: 0.31

HANDLING and STORAGE

If frozen thaw completely at room temperature 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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