



METALWORKING FLUID for HIGH PRESSURE APPLICATIONS

DESCRIPTION

Foxx 70C is a high performance, soluble metalworking fluid.

APPLICATION

70C is a premium Soluble metalworking fluid for heavy to severe duty operations meeting your high lubricity needs and maximizing cutting tool edge life. It is recommended for High Fluid Pressure and High Volume Flow Applications where minimization of foam is critical for part quality and machine operations. It is recommended for general purpose machining of ferrous and non-ferrous applications. It can be used for turning, drilling (including deep hole requirements), reaming, boring, milling and roll form tapping as well as some grinding operations.

FEATURES & BENEFITS

FOXX FLUIDS WITH FACT:

Provides superior foam control through the combination of product design, raw material selection and innovative antifoam technology. These fluids are the result of years of experience that have identified creative methods to prevent, control, and reduce foam, even when fluids are used in high-pressure delivery systems. This expertise and extreme is only available in Foxx Fluids.

CORROSION PROTECTION:

The oily residue keeps machine tools and work-piece materials free of corrosion and staining. Good on most non-ferrous alloys as well.

MICROBIAL CONTROL:

FOXX 70C has good rancidity control when product concentration is properly controlled.

RECOMMENDED STARTING DILUTIONS

Excel 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)
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CONCENTRATION

Non-solvent Titration, Total Alkalinity, CIMCHEK™ Test Strip or Refractometer can be used. The Refractometer Factor is 1.2. A Refractometer is only recommended for use in checking the concentration of a fresh charge. Multiply the scale reading obtained on your 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	Appearance and Odor: Hazy/Chemical
Solubility in water: 100% miscible	Weight, lb/gal, 60°F (15.6 °C): 8.4
Viscosity (SUS) @ 100°F: 270	Flash Point /Sp.Gr./Boiling Point: SEE SDS
pH Concentrate: 9.4	pH Mix 5%, Typical Operating: 8.9
Chlorine/Chloride: No	Total Sulfur, wt%: 0.2
Silicones: Yes	Boron: No

HANDLING AND STORAGE

If frozen, thaw completely at room temperature before use. Inside storage is recommended.

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.

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