

ADDITIVE 24ANF-1

METALWORKING FLUID ADDITIVE



Product Information Flyer

ADDITIVE 24 is a water-based antifoam specially developed for use with water-based metalworking fluids. The additive incorporates an organosiloxane polymer chemistry that when used as recommended, should not exhibit silicone associated painting and plating adhesion problems, per the manufacturer.

OPERATIONS:

Use in water-based metalworking fluid mix when foam is a problem. Add to CIMCOOL[®] metalworking fluid mixes as recommended by CIMCOOL[®] Technical Services. Additive 24ANF-1 can be used with any water-based CIMCOOL[®] metalworking fluid.

Note: Constant use of this additive may cause the foam problem to worsen.

APPLICATION:

For central systems: Pour ADDITIVE 24ANF-1 directly into the “clean” side of central filtration system where contamination is the lowest to maximize effectiveness.
For individual machines: Pour ADDITIVE 24ANF-1 into the machine sump at a location that will provide thorough mixing.

Use ADDITIVE 24ANF-1 at the leanest dilution first. If foam is still a problem add additional 24ANF-1 but do not exceed the recommended maximum dilution. Follow recommended dilution range (see below). Shake or stir prior to using.

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RECOMMENDED STARTING DILUTIONS FOR INDUSTRIAL USE ONLY

Typical Operating Range: 0.005% (1:20,000) to 0.01% (1:10,000)

For concentrations outside this range contact CIMCOOL® Technical Service at 513-458-8199.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance and odor: Hazy/ Chemical

Solubility in water: Dispersible

Weight, lb/gal, 60°F (15.6°C): 8.90

Specific gravity, (H₂O = 1): 1.067

Boiling point, °F (°C): 210 (99)

Flash point, PMCC, °F (°C): 400 (204)

Freezing point (or pour point), °F, (°C): 32 (0)

If frozen thaw completely at room temperature.

pH, concentrate: NA

pH, 50.0% mix, typical operating conditions: 7.5-9.0

Total Chlorine/Chloride, wt%: 0.00/< 50ppm

Total Sulfur, wt%: 0.0

Silicones: Yes

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.



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