

Germ-Allcard Antifoam EWD 5

Silicone free antifoam additive for aqueous fluids

Description

Germ-Allcard Antifoam EWD 5 is a highly effective silicone free antifoam designed for use in all water based fluids. Modern machinery has become more dependent on high pressure coolant delivery systems combined with smaller tank sizes. The coolant becomes aerated and the foam formed has little chance to collapse. Some foam generated has very elastic bubble characteristics and will not collapse on its own. This type of foam can continue to build until close down of the machine is necessary. In some cases foam overspill may be sufficient to force the close down of nearby machines as well. Germ-Allcard Antifoam EWD 5 treatment is designed to control all foam problems in emulsion systems. It prevents foam build up immediately, and continues working to prevent further foaming activity throughout the process. It is much more effective and economical than mechanical knock down systems, and being silicone free, it cannot adversely affect adhesion in later processes such as Electro-plating or surface coating.

Applications

Germ-Allcard Antifoam EWD 5 is the recommended treatment for all types of foam in all water based fluids and therefore it is only necessary to stock this one grade for all machines in a factory. This eliminates the possibility of errors and unsuitable treatments being applied. Suitable for single sump machines and particularly recommended where large scale centralised systems are in use.

User instructions

Germ-Allcard Antifoam EWD 5 can be added directly to the fluid whilst the machine is in use, and no skill is necessary. The recommended treatment is 0.05% (1 part to 2000) and this should collapse all foam immediately. If foaming persists further light treatments may be necessary.

Environment, Health and Safety

Please consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

Properties

	Method	Unit	Typical
Appearance	Visual	-	off white emulsion
Density, 15 °C	D 4052	g/ml	0.95
Odor	-	-	mild

The figures above are not a specification. They are typical figures obtained within production tolerances.

Remarks

Please contact your Q8Oils representative for further advice and support on your specific application and equipment.