

Metalworking Coolant Additives



To ensure maximum performance, coolant composition should be maintained, and potential contaminants controlled. Thanks to our vast experience with coolants, Chemetall has formulated a series of additives that extend coolant longevity and allow for recycling options.

Advantage of Chemetall Metalworking Coolant Additives

- ⊕ Increased stability.
- ⊕ Decreased coolant disposal costs.
- ⊕ Enhanced corrosion protection.
- ⊕ Maintain coolant performance.

BASF
We create chemistry

Chemetall
expect more ⊕

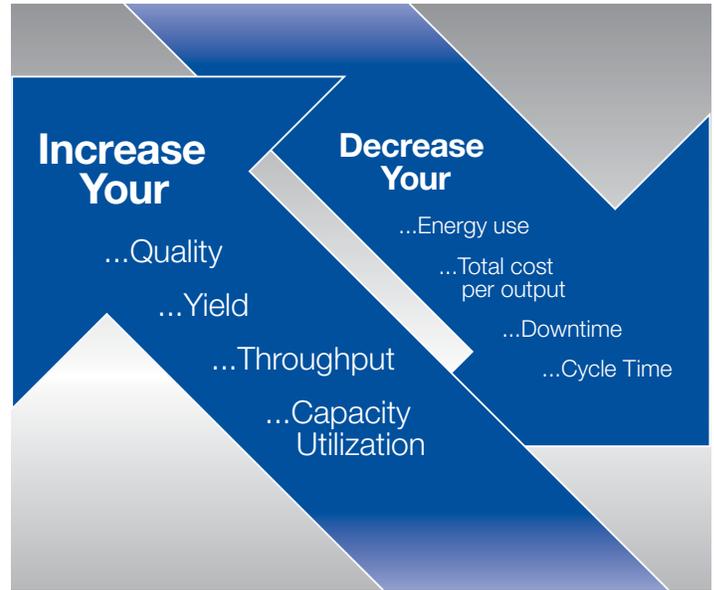
Metalworking Coolant Additives

Category	Product	Description
Cleaner	Gardoclean® A 5365	Premium grade, heavy duty, liquid alkaline cleaner specifically designed to remove residues for metalworking sumps and systems with water-based and water-dispersible coolants. Added to coolant sump side and process parts prior to clean-out. Excellent cleaning and degreaser ability.
Defoamer	Gardobond® Additive H 7623	Low cost, polysiloxane, anti-foaming agent for industrial metalworking fluids and cleaners.
Defoamer	Gardobond Additive H 7631	Inorganic water hardness additive that conditions soft water, to reduce foaming in most metalworking fluids, without impact on finishing operations, such as painting or plating.
Defoamer	Tech Cool® ADD 51	Premium, siloxane-based, anti-foaming agent for industrial metalworking fluids and cleaners.
Defoamer/surfactant	Gardobond Additive H 7057	Non-silicone, dual purpose defoamer and surfactant additive.
Dispersant	Tech Cool ADD 80	Fungus dispersant for use prior to adding fungicide to break up biological growth and increase fungicide effectiveness.
Hard water treatment	Gardobond Additive H 6996	Water-soluble additive used to overcome the effects of hard water on emulsion stability.
pH adjuster	Tech Cool ADD 95	Liquid high-pH alkaline adjuster. Provides alkalinity buffering. Compatible with most water-based coolants.
pH adjuster and emulsion stabilizer	Tech Cool ADD 15	pH adjuster and emulsion stabilizer, with a blend of alkaline components designed for sump side addition in semi-synthetic, synthetic, and soluble oil metalworking fluids. Provides an added degree of corrosion protection on ferrous surfaces and an increase in buffer strength.
Rust preventative	Tech Cool ADD 20	Dual purpose surface-grinding and corrosion-inhibiting synthetic fluid.
Testing	Microbial Dip Slides	Dip slides for checking the biological activity of metalworking coolants and industrial water systems.
Biocide and fungicide	Kathon 886 MW 1.5	1.5% concentration, isothiazolin based biocide and fungicide used to control coliform and other bacteria in metalworking fluids and metal cleaning fluids. For use ONLY in metalworking fluids.
Biocide and fungicide	Kathon 886 MW 14	14% concentration, isothiazolin based biocide and fungicide used to control coliform and other bacteria in metalworking fluids and metal cleaning fluids. For use ONLY in metalworking fluids.
Biocide and fungicide	MC-508	Dilute biocide/fungicide used to control coliform and other bacteria and fungus in metalworking fluids and industrial water systems, bromine based. Kills and penetrates bio film/mass.
Biocide and fungicide	Mergal CM 1.5	1.5% concentration, isothiazolin based biocide and fungicide for use in both metalworking fluids or water care applications.
Biocide and fungicide	Mergal MC 14	14% concentration, isothiazolin based biocide and fungicide for use in metalworking fluids and metal cleaning fluids. For use ONLY in metalworking fluids.

Chemistry								
Isothiazolin	Bromine	Polysiloxan	Chelator	DCHA	Amine	Amine Carboxylate	Nonionic Surfactant	
					+	+	+	
		+						
		+						
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Cut it. Clean it. Coat it. Control it. Conserve it.® with us!



Our focus is you, our metalworking customer!

At Chemetall, we are dedicated, so you can expect more. Our global specialists are locally available. Our experts provide focused, passionate, and accountable support. You can expect the highest quality from our integrated portfolio of innovative products. Our labs are fast and accurate. We will collaborate with you to increase the efficiency of your process performance.

We are the Surface Treatment global business unit of the Coatings division of BASF, operating under the Chemetall brand, a leading supplier of applied surface treatments and services for metal, plastic, and glass substrates in a vast range of industries and end markets. As process innovators, fully dedicated to your success, we develop, manufacture, and provide best-in-class technologies, systems, and expertise.

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