

Synthetic Tech Cool® Metalworking Fluids



Chemetall's synthetic metalworking fluids are environmentally compliant and enhance system life by providing superior corrosion protection, outstanding lubricity, and excellent high-temperature stability. When added to water, they form a translucent film that provides cooling, lubricity and corrosion protection. Because they are non-oil-based, synthetics offer a cleaner metalworking operation in high temperature machining and grinding operations.

Advantages of Tech Cool

- ⊕ Extended sump life.
- ⊕ Low foaming.
- ⊕ Rejects tramp oils.
- ⊕ Superior corrosion protection.
- ⊕ Hard and soft water compatibility.
- ⊕ Multi-metal applications.

BASF
We create chemistry

Chemetall
expect more ⊕

Synthetic Tech Cool® Metalworking Fluids

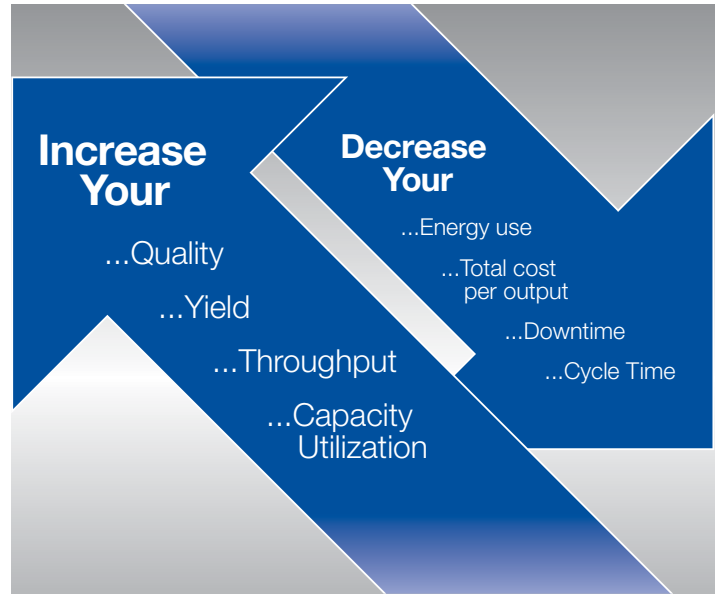
Product	Description	Characteristics					
		Lube Content	Refractometer Factor	Sump Life	Tramp Oil Management	Coolant Pressure	Hard Water Stability
Tech Cool® ADD 20	Blanchard grinding fluid, excellent rust prevention.	Very low	1.2	Excellent	Rejecting	High	Excellent
Tech Cool 35410	Medium-duty machining fluid for ferrous substrates — (oil absorbing ~ 1–2%).	Medium	2.24	Good	Absorbing	Medium	Excellent
Tech Cool 35625	Medium to heavy-duty machining and grinding fluid for aluminum substrates.	High	2.08	Good	Rejecting	High	Excellent
Tech Cool 35628	Medium-duty machining and grinding fluid for ferrous substrates.	Medium	2.60	Excellent	Rejecting	High	Excellent
Tech Cool 35629	Medium to heavy-duty machining and grinding fluid for ferrous and non-ferrous substrates.	High	2.13	Excellent	Rejecting	High	Excellent
Tech Cool 35630	Heavy-duty machining fluid for ferrous and non-ferrous substrates.	Very High	1.67	Excellent	Rejecting	High	Excellent
Tech Cool 35650	Very-heavy-duty machining fluid for ferrous and non-ferrous substrates.	Extremely high	1.61	Good	Rejecting	High	Excellent
Tech Cool 35700 B	General-purpose grinding fluid for ferrous substrates.	Low	2.5	Excellent	Rejecting	High	Excellent
Tech Cool 35718	Medium-duty machining fluid primarily for ferrous substrates.	Medium	1.96	Excellent	Rejecting	High	Excellent
Tech Cool 35920	Medium-to-heavy duty machining and grinding fluid for ferrous and non-ferrous substrates	High	1.92	Good	Partially rejecting	High	Excellent



	Metals					Primary Applications											
	Mild/Low Carbon Steels	Tool & Stainless Steels	Cast Iron	Galvanized Iron	Titanium	Aluminum (Cast, 100-900 series)	Aluminum (Wrought, 1,000-8,000 series)	Nickel (Inconel, Hastelloy, Waspalloy, Rene)	Copper Alloys (Brass, bronze, & copper)	General Machining	Reaming	Tapping	Drilling	Broaching	Honing	General Grinding	Centerless Grinding
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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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