

Semi-Synthetic Tech Cool® Metalworking Fluids



Tech Cool metalworking fluids are a stable, emulsion blend of mineral oil, corrosion inhibitors, and extreme pressure additives. When mixed with water, they form a translucent solution that provides cooling, lubricity, and protection. Tech Cool metalworking fluids offer a cleaner metalworking operation even in high speed/high pressure machines.

Advantages of Tech Cool

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

BASF
We create chemistry

Chemetall
expect more ⊕

Water Soluble, Semi-Synthetic Metalworking Fluids

Tech Cool line quick compare chart

Product	Description	Characteristics								Metals								Primary Applications									
		Oil Content	Extreme Pressure Additives	Refractometer Factor	Coolant Pressure	Tramp Oil Management	Sump Life	Hard Water Stability		Mild/Low Carbon Steels	Tool & Stainless Steels	Cast Iron	Galvanized Iron	Titanium	Aluminum	Nickel (Inconel, Hastelloy, Waspalloy, Rene)	Copper Alloys (brass, bronze, & copper)	Molybdenum	General Machining	Reaming	Tapping	Drilling	Broaching	Honing	Hobbing	Grinding	Gun Drilling
Tech Cool 35035NB	Medium oil, multi-metal, medium-duty, low foaming, enhanced stability	Medium	Yes	1.96	High	Good	Excellent	Good		+		+	+		+		+		+	+	+	+	+			+	
Tech Cool 35037	High oil, multi-metal, heavy-duty, very low foaming	High	Yes	1.25	High	Excellent	Good	Excellent		+	+		+	+	+	+	+		+	+	+	+	+				+
Tech Cool 35045	Very high oil, multi-metal, heavy-duty, sulfur EP additive	Very high	Yes	1.00	Medium	Good	Good	Excellent		+	+		+	+	+	+	+		+	+	+	+	+				+
Tech Cool 35048	Very high oil, multi-metal, medium-duty	Very high		1.10	Medium	Good	Good	Excellent		+	+		+	+	+	+	+		+	+	+	+	+				
Tech Cool 35048BF	Very high oil, multi-metal, boron-free, exceptional lubricity on aluminum	Very high		1.10	Medium	Excellent	Excellent	Excellent		+			+	+	+	+	+		+	+	+	+	+	+			
Tech Cool 35052	High oil, multi-metal, extra-heavy-duty, very low foaming, enhanced stability, chlorinated	High	Yes	1.25	High	Excellent	Excellent	Excellent		+	+		+	+	+	+			+	+	+	+	+	+	+	+	
Tech Cool 35052CF	High oil, multi-metal, heavy-duty, low foaming, enhanced stability	High		1.13	High	Excellent	Excellent	Excellent		+	+		+	+	+	+	+		+	+	+	+	+	+	+	+	
Tech Cool 35058	Very high oil, multi-metal, heavy-duty, very low foaming	Very high		1.10	High	Good	Excellent	Excellent		+	+	+	+			+		+	+	+	+	+	+				+
Tech Cool 35075	Very high oil, multi-metal, medium-duty	Very high		1.00	Low	Good	Excellent	Excellent		+	+		+	+		+	+		+	+	+	+	+				+
Tech Cool 35100NB	Low oil, ferrous metal, enhanced stability, light-medium-duty	Low		2.17	Medium	Good	Excellent	Good		+		+			+	+	+		+				+			+	
Tech Cool 35115	Low oil, ferrous metal, light-medium-duty	Low		1.52	Low	Good	Excellent	Good		+		+	+			+	+		+				+			+	
Tech Cool 35200	Medium oil, ferrous metal, medium-duty, exceptionally clean running on cast iron	Medium		1.67	Medium	Excellent	Excellent	Good		+	+	+					+		+	+	+	+	+	+			



Cut it. Clean it. Coat it. Control it. Conserve it.® with us!



Proving to be the cleanest running coolants in the metalworking industry!

- + Enhance your productivity.
- + Easy maintenance.
- + Improved chip handling.
- + Extended tool life.
- + Reduced consumption.
- + Operator endorsed.

With our innovative and award winning line of Tech Cool coolants, we are dedicated to your success in every way!

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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