

TRADE BULLETIN

Tech Cool[®] 35052CF, a Chlorine-free Semi-Synthetic Metalworking Coolant Gains Boeing Approval.

Charlotte, NC; New Providence, NJ; Frankfurt/Germany, July 11, 2016 Chemetall, a global business unit of Albemarle Corporation (NYSE:ALB), and award winning innovator in metalworking fluids, is pleased to announce that Tech Cool 35052CF, a Generation V high performance semi-synthetic metalworking coolant has received Boeing Aircraft approval for use under BAC5008 including areas 2,5 and 6, The "next generation" in coolant technology, Tech Cool 35052CF combines ultra-high lubricity characteristics required for aerospace alloys with green chemistry technologies. The result is exceptional emulsion stability, outstanding sump life without bacteria growth or odors, extended tool life, low foam levels, excellent corrosion resistance and significantly lower operational costs. **This is achieved without the use of chlorinated or sulfur based extreme pressure (EP) additives, and without bactericides, DCHA (Dicyclohexylamine) or secondary amines.** Tech Cool 35052CF is completely free of formaldehyde releasing compounds.

"Tech Cool 35052CF complements our family of high performance semi-synthetic coolants" said David Enright, Business Manager of Chemetall's Metalworking Technologies. "When you make a real commitment to innovation, and listen to what your customers require, the results can be profound. We now have an approved chlorine free offering, suitable for the most challenging substrates machined in the aerospace industry to complement our original Tech Cool 35052 chemistry".

Fully compatible for Titanium, high nickel alloys, stainless steel, aluminum, brass and all ferrous substrates, Tech Cool 35052CF is the ideal solution for the most challenging metal removal operations. From grinding to broaching, milling to drilling, Tech Cool 35052CF is the product of choice for central systems and stand-alone machines.

The stability of the micro-emulsion technology is the essence of the Tech Cool product line. The ability to reject tramp oils, allow for effective coolant recycling programs, generate drier chips that are easier to separate, and dramatically reduce residues on both the parts and the tooling are just some of the exceptional benefits of the Tech Cool 35052CF. Tech Cool 35052CF is very low foaming, without the use of silicone defoamers, and is suitable for high pressure, high speed systems, even in low hardness water. Stable in 1,200 ppm

water hardness, Tech Cool 35052CF is the versatile product of choice when performance and economics is required.

About Albemarle

Albemarle Corporation (NYSE: ALB), headquartered in Charlotte, NC, is a global specialty chemicals company with leading positions in lithium, bromine, refining catalysts and applied surface treatments. We power the potential of companies in many of the world's largest and most critical industries, from energy and communications to aerospace and electronics. Working side-by-side with our customers, we develop value-added, customized solutions that make them more competitive. Our solutions combine the finest technology and ingredients with the knowledge and knowhow of our highly experienced and talented team of operators, scientists and engineers.

Discovering and implementing new and better performance-based sustainable solutions is what motivates all of us. We think beyond business-as-usual to drive innovations that create lasting value. Albemarle employs approximately 6,900 people and serves customers in approximately 100 countries. We regularly post information to www.albemarle.com, including notification of events, news, financial performance, investor presentations and webcasts, non-GAAP reconciliations, SEC filings and other information regarding our company, its businesses and the markets it serves.

Chemetall Surface Treatment, a global business unit of Albemarle Corporation, is a leading global supplier of specialty chemicals with a focus on processes for the surface treatment of metals and plastics. To learn more, visit www.chemetall.com.

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Statements in this press release regarding Albemarle's business that are not historical facts are "forward-looking statements" that involve risks and uncertainties. For a discussion of such risks and uncertainties, which could cause actual results to differ from those contained in the forward-looking statements, see "Risk Factors" in Albemarle's Annual Report on Form 10-K and its Quarterly Reports on Form 10-Q.

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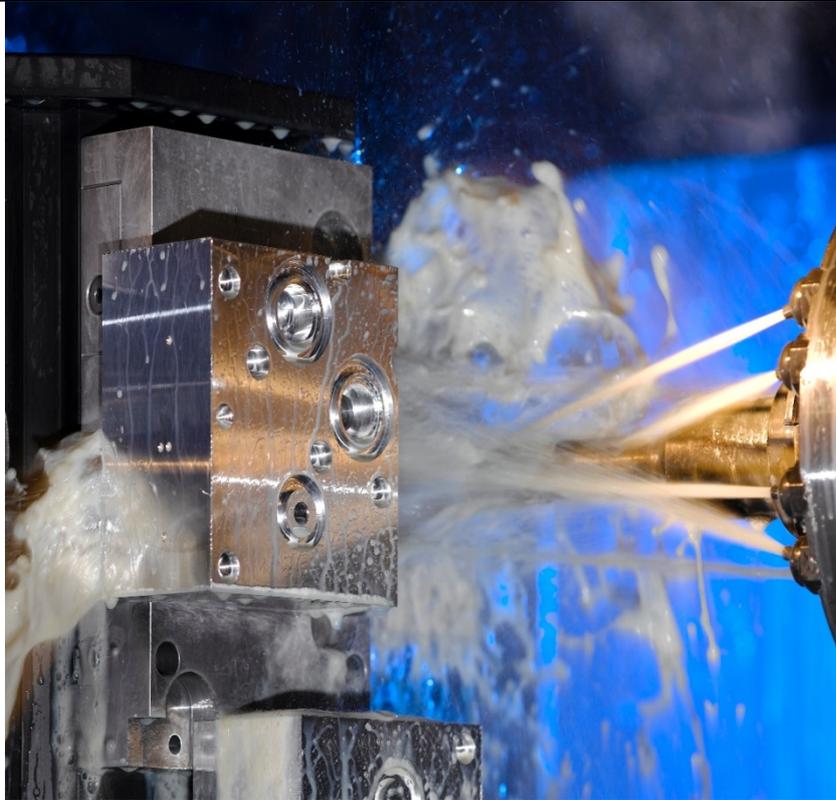
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