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NEWS RELEASE

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New premium nonhalogenated semisynthetic offers excellent alternative to chlorinated soluble oils

Master Chemical Corporation introduces TRIM® MicroSol® 695, a premium nonhalogenated semisynthetic metalworking fluid, which has double the sump life of previous generation semisynthetics. MicroSol 695 has improved lubricity which translates into better parts finish and longer tool life. MicroSol 695 performs like traditional heavy-duty soluble oils on a variety of materials, but has the cleanliness of a semisynthetic.

Perrysburg, Ohio, August 18, 2009—Master Chemical Corporation is pleased to introduce TRIM® MicroSol® 695, the latest addition to our very successful MicroSol line of semisynthetic cutting and grinding fluids. MicroSol 695 significantly improves both the environmental profile and metalworking performance. MicroSol 695 delivers the superior performance of a heavy-duty soluble oil with the cleanliness of a semisynthetic. This premium nonhalogenated semisynthetic provides excellent mechanical lubricity and better cooling than most traditional soluble oils. Additionally, it has the machine-friendly characteristics that customers have grown to expect from premium TRIM metalworking fluids. Dave Barned, Director—Global Marketing, Master Chemical Corporation, adds, “Our customers have embraced the performance of our line of microemulsion semisynthetic metalworking fluids, and MicroSol 695 really takes the MicroSol platform to the next level by delivering premium performance in a nonhalogenated formula. We have had many of our TRIM® MicroSol® 685 customers test MicroSol 695 and have reported that 695 performs as well or better than its chlorinated counterpart does!”

“MicroSol 695 delivers the cost-effective performance that the automotive industry requires, while meeting the demanding standards of the aerospace manufacturers,” stated Conalisa Murphy, Formula Optimization Technologist at Master Chemical Corporation. In a test site, MicroSol 695 lasted twice as long in the sump compared to previous generation semisynthetics.



“Longevity in the sump is an excellent way for us to deliver more value to our customers. Additionally, one of our test site customers was able to eliminate frequent system dumps and the use of tank side adds while using MicroSol 695. This allowed the customer to improve operational efficiency while decreasing expenses,” stated Jim Mills, Manager-Technical Services, Master Chemical Corporation.

Metalworking fluids that provide plenty of lubricity deliver better parts finish and longer tool life. MicroSol 695 has what it takes to keep tools and parts from burning. MicroSol has great lubricity and has passed independent testing for the aerospace industry. Dr. Michael Weismiller, Global Vice President-R&D, Master Chemical Corporation, adds, “The use of proprietary test methods simulating field performance, and our partnerships with raw material suppliers providing technologies such as new nonchlorinated lubricity agents, has allowed us to formulate an excellent long-life, high lubricity, semisynthetic.” MicroSol 695 is a very versatile fluid that is compatible with a wide range of materials including aluminum, magnesium and copper alloys, cast iron, and many plastics and composites.

Cleanliness is very important to the work environment and MicroSol 695 keeps machines very clean while leaving a soft fluid film which reduces maintenance and simplifies machine cleaning. Additionally, 695 provides superior corrosion inhibition on all ferrous and nonferrous metals. MicroSol 695 reduces oil mist and residues that are often associated with high lubricity alternatives. 695 contains no nitrites, triazines, phenols, or sulfurized EP additives. MicroSol 695 does not require any special disposal or recycling techniques. “We are committed to formulating [greener] metalworking fluids while delivering increased performance to the workplace,” stated Dave Barned.

About Master Chemical Corporation

Master Chemical Corporation was founded on November 13, 1951. Since then, working closely with the worldwide metalworking community, Master Chemical Corporation has developed and marketed a full line of specialty cutting and grinding fluids, cutting oils, concentrated washing and cleaning compounds, and rust preventives all under the TRIM® brand trademark. These products are both environmentally sound and when used in conjunction with Master Chemical’s XYBEX® Coolant Recycling and Filtration Systems, are the most durable and stable products available anywhere today. Master Chemical has always been committed to the safety of the people who use our products, the protection of our planet, the environment we live in, and the overall impact on our customers’ profitability. Master Chemical serves customers globally. For further information please contact a local distributor near you <http://www.2trim.us/distributors.php>, call us at 419-874-7902, or visit our website at www.masterchemical.com.

Photo:

Premium Nonhalogenated Semisynthetic, TRIM® MicroSol® 695 in a typical working solution.

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