



NEWS RELEASE

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New Advanced Technology Aerospace Semisynthetic TRIM® MicroSol® 590XT Takes Flight

TRIM® MicroSol® 590XT, an advanced aerospace semisynthetic or microemulsion coolant that meets the most stringent aerospace specifications while protecting and preventing corrosion on sensitive alloys, including aerospace and nuclear materials. MicroSol 590XT is environmentally friendly – free of chlorine, triazine, formaldehyde releasers, phenols, boron, DCHA, and secondary amines.

Perrysburg, Ohio, December 1, 2015 — Master Chemical Corporation is pleased to announce TRIM® MicroSol® 590XT, an advanced technology semisynthetic microemulsion coolant. MicroSol 590XT was designed around the needs of aerospace customers and incorporates the latest chemistries to pass the most stringent aerospace specifications. It improves on sump life, tooling life, and corrosion protection from previous generation coolants.

Monte S. Dhatt, Global Aerospace Strategic Business Unit Director for Master Chemical stated, “Our challenge was to develop a product that would not only meet the demands of specific aerospace customers but would also be environmentally suitable for the foreseeable future while providing performance improvements. I believe we have achieved that.”

Charles Davis Jr. owner of C&R Machine commented, “We are very happy with the new MicroSol 590XT. We have seen improvement in tool life, surface finishes, and we need to do less coolant maintenance. And at the end of the day, that’s a big plus.”

David A. Barned, Vice President-Global Marketing for Master Chemical stated, “TRIM MicroSol 590XT is the next step in the evolution of our industry leading MicroSol® series of metalworking fluids. It delivers improved sump life over our most popular MicroSol® 585XT and incorporates our proprietary lubricity package developed as part of 2014’s release of MicroSol® 690XT. Our innovation team took their learnings to the next level with 590XT by creating a formula, which protects the most sensitive alloys and addresses our customers’ environmental concerns by utilizing only the safest available components. We expect 590XT to really provide a one fluid solution for high-tech manufacturers who need the toughest performing, nonstaining, and very environmentally-friendly cutting fluid.”

MicroSol 590XT improves on the proven performance of previous generations with a robust stability package using the most environmentally-safe ingredients. The formula is a



favorite of production managers, environmental advocates, and safety professionals. MicroSol 590XT is free of chlorine, triazine, formaldehyde releasers, phenols, boron, DCHA, and secondary amines. It dramatically extends useful life without the need for tank-side biocides or fungicides. MicroSol 590XT provides superior corrosion inhibition on all ferrous and nonferrous metals and keeps parts and machines very clean to reduce maintenance and production time.

MicroSol 590XT is low foaming for today's demanding high-pressure, high volume applications and it provides an optimized combination of cooling and lubricity to titanium, aluminum, steel, stainless steel, and Inconel[®] machining applications.

Listen for yourself to hear what Charles Davis Jr. has to say about his experience using TRIM MicroSol 590XT: <http://2trim.us/v/?v=421>. For more information about MicroSol 590XT, check out our web page: <http://www.microsol-590xt.com>

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 under the TRIM[®] and Master STAGES[™] brand trademarks. 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 and 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, which you can find at <http://www.2trim.us/distributors.php>, or call us at 800.537.3365, or visit <http://www.masterchemical.com/>.

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