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LATEST AEROSPACE COOLANT IS BORON- AND FORMALDEHYDE-FREE

The specific and changing needs of the aerospace sector has driven Master Chemical's research and development for many years. As a result, the company now has one of the most comprehensive ranges of metalworking fluids available with product approvals from the leading aero engine and aero structure manufacturers.

This is an ongoing process, however. The adoption of new, lightweight exotic alloys and advanced composites and the ever present need for higher productivity, means that Master Chemical innovation in this field continues apace; its latest introduction, TRIM® MicroSol® 690XT, is an example of this dynamic development.

TRIM® MicroSol® 690XT is a boron- and formaldehyde-free micro-emulsion which meets the latest production requirements of aero engine and aero structure manufacturers and their subcontractors.

This product has been formulated to provide higher mechanical lubricity for the gummy materials that are commonly seen in aero structure manufacturing whilst also providing elevated levels of extreme pressure additives for machining of harder, aero engine materials. This makes the product an effective alternative to high mineral oil content soluble oils on all aerospace alloys where increased machine cleanliness and low top-up rates dramatically decrease overall production costs.

The outstanding qualities of this premium product against its nearest competitor are machine cleanliness and minimal residue. It also inherits the industry-leading low-foaming qualities of its predecessor, TRIM® MicroSol® 585XT, that has proved hugely popular in this sector. This means it is especially suitable for today's demanding high-pressure, high-volume applications.



This new introduction to Master Chemical's growing stable of boron- and formaldehyde free products is ideal for mixed metal production; it is compatible with a very wide range of materials including steels, copper, aluminium alloys as well as plastics and composites. Superior corrosion inhibition on all ferrous and non-ferrous metals is another benefit.

Excel Manufacturing was one of the first aero engineering companies to adopt TRIM® MicroSol® 690XT and its findings are extremely positive. "It gave us better lubricity and we were able to use in a lower concentration too, so it's going to save us money in the long run," concluded Excel's Bradford Watts. "This is one of the best coolants we've used and I've been with the company almost 10 years."

See Excel's video testimony - www.youtube.com/watch?v=twNPXi2bXFc

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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/>