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STABLE FLUIDS PROVIDE CONSISTENT PERFORMANCE AND SAVE COSTS

Improved tool life, low foam, improved machine cleanliness and low odour are the benefits that customers reap time and time again when switching to TRIM® E905, a key product within the Master Chemical metalworking fluid range. Thanks to its stable formula, this high lubricity emulsion continues to provide long operational life and consistent performance across a very wide range of applications in UK manufacturing.

A typical user is a general subcontractor in Hertfordshire whose initial reason for seeking an alternative to its existing coolant was poor sump life. The company had trialled a variety of options before TRIM® E905, but when the emulsion proved effective on a new Mills CNC machine, the decision was made to run it in all machines.

These were responsible for turning, drilling, tapping and milling aluminium and stainless steel components and occasionally brass work. The result has not just been improved sump life on its lathes and milling machines but also the removal of unpleasant odour, better finish on its aluminium products and increased tool life when processing stainless steel.

TRIM® E905 is formulated to have the cutting and grinding performance equivalent to high EP soluble oils. And this was of significant benefit to a subcontractor in Oxfordshire. In TRIM® E905 it found a product that did not require additives to boost its performance or extend its life. As a result the emulsion is now being used on all of its turning centres for processing aluminium, steels and stainless steel.

Also in the same Master Chemical product group as TRIM® E905 is TRIM® E708, a high quality, universal soluble oil which requires minimal maintenance even in the most demanding fluid management systems. It contains a very effective biocidal package that promises an exceptionally long sump life, a benefit that proved decisive for a Hampshire-based aerospace subcontractor.

TRIM® E708 is the ideal universal fluid for multi-metal job shops as it can be used on a wide range of ferrous, non-ferrous and non-metallic materials. For any company serving the aerospace sector, this is essential.

Although there were niggling performance issues with the existing metalworking fluid, the main issue for the Hampshire subcontractor was escalating prices. As TRIM® E708 offered a significant cost saving it was initially trialled in a Hitachi Seiki machining centre and a Jones and Shipman grinder.

Not only did the product perform well on all applications and materials, it also proved to have better sump life in both machines. Added to this the machines stayed cleaner. TRIM® E708 also eliminated the foaming issues that accompanied the previous product.

So this company achieved better performance and a lower cost and it has joined many others for whom the TRIM® soluble oil cutting and grinding fluids have become the first choice for high quality, consistent parts manufacturing.

-ENDS-

***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 (44) + (0) 1449 726800, or visit our website at www.masterchemical.com*

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Tel: 01920 468443 Email: info@newriver.co.uk www.newriver.co.uk