



master CHEMICAL europe LTD.

33 Maitland Road
Lion Barn Business Park
Needham Market, Suffolk
United Kingdom, IP6 8NZ
Tel: +44 (0) 1449-726800
Fax: +44 (0) 1449-721719
www.masterchemical.com
E-mail: info@masterchemical.co.uk



NEWS RELEASE

Contact:

Ruth Lucas, Operations

+44 (0) 1449 726800

info@masterchemical.co.uk

www.masterchemical.com

Date of issue: June 10, 2008

EXCEPTIONAL TOOL LIFE FROM NEW HYBRID EMULSION

For manufacturers of metalworking fluids continuous product development is largely the name of the game. A true breakthrough is a rarity but at Master Chemical Europe its latest development is exactly that!

Completely new technology is central to Master Chemical's new TRIM[®] E925 cutting and grinding fluid concentrate. It's a hybrid, based on a unique blend of mineral oil and vegetable ester-based additives. So its 'green' credentials are second to none but in a globally competitive manufacturing environment this must not be achieved at the expense of performance.

The good news for the manufacturer is that TRIM E925 achieves exceptional component surface finish and tool life even when compare traditional heavy duty emulsions containing high levels of chlorinated and sulphurised EP additives. Environmentally friendly vegetable ester technology gives TRIM E925 extremely high levels of lubrication and excellent cutting performance but without the use of traditional additives.

-more-

Release—Add One

Other manufacturers have introduced metal cutting fluids that are based on vegetable oil but the majority use hazardous formaldehyde donors to keep them alive. Master Chemical is the only manufacturer to offer a formulation that has no registered biocides, DEA, boron, chlorine, sulphur, nitrites, formaldehyde donors or phenolic compounds.

For those supplying the aerospace market the absence of chlorinated additives is especially relevant. In this sector such fluids have not just been ruled out on environmental grounds they can also have a detrimental effect on the performance quality of the part. The introduction of TRIM E925 is therefore of significant potential benefit.

In trials TRIM E925 has proven itself a superior product for machining high strengths steels, stainless steels, titanium, aluminium and corrosion resistant aerospace alloys. It is extremely hard water tolerant and produces little foam even at high pressures. “This is a win-win product for European manufacturers,” concludes Master Chemical’s Peter Blenkinsop. “It’s good for health, safety and the environment as well as manufacturing quality and productivity.”

###