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For Immediate Release

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NON-HAZARDOUS COOLANT
... has all the benefits of EP soluble oils and more

June 2003 – Improved tool life, low foam, improved machine cleanliness and low odour were some of the main production benefits proven at trials of Master Chemical Europe's latest addition to its TRIM® range of metalworking fluids, TRIM® E905. The product trials, conducted by aerospace and automotive manufacturers, involved tapping and reaming holes down to M2 in aluminium billets.

Thanks to its stable formula, TRIM® E905 has also provided long operational life and consistent performance during a trial with a subcontractor. Again the customer used this new coolant in the drilling, tapping and reaming of cast aluminium at a pressure of 40Bar.

TRIM® E905 is now this company's preferred option. Unlike its previous coolant that had been showing signs of separation in the machine sump, TRIM® E905 demonstrated a far superior sump life and delivered high quality surface finishes.

Formulated to have cutting and grinding performance equivalent to Master Chemical's high EP soluble oils, TRIM® E905 also has several additional characteristics. Features of this improved product include higher alkalinity in dilution, improved sump life – particularly in hard water areas – and good corrosion protection.

(more)

Page two of two
Master Chemical
NON-HAZARDOUS COOLANT

This new addition is ideal for multi-metal job shops as it is suitable for ferrous, non-ferrous and non-metallic machining. In common with its forerunners in the TRIM® range, TRIM® E905 contains no nitrites, secondary amines, nor phenolics. It has been formulated to comply with all current and anticipated health and safety legislation and is therefore classified as non-hazardous under the new CHIP 3 regulations.

As is expected of any new coolant from Master Chemical, TRIM® E905 is suitable for recycling with good tramp oil separation and without significant changes in emulsion characteristics.

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