



removing the barriers to fluid cleanliness

MERRY CHRISTMAS FROM THE WHOLE MAGNOM™ TEAM as a small gesture of thanks for your support in 2004 we are offering an extra 5% discount on all orders received before the 31st December!*

Magnom™ improves CNC reliability



After successfully installing a Magnom™ Clear Process Unit to filter cutting fluid in a Mori Seiki 75 CNC lathe, Refimex Machinery Oy have decided to install Magnoms into all of their lathes, including Mori Seiki 65s (as per the image to the right).

Magnom's Finnish distributor, ROTEC Engineering OY, email jorma.johansson@qnet.fi, suggested the use of the Magnom™ because the lathe's **slideways** were wearing from ferrous contaminant in the cutting fluid. The Magnom™ is the only way to economically remove this contaminant (see image to the left of loaded Magnom™ Clear Process Unit)

The rate of wear would have driven a need to **recondition the slideways within 3 years**, at that time the lathe would be out of work for two weeks and the repair alone would cost €17000. To avoid this, they will install Magnoms™ to every lathe in their factory.



Magnom™ production ramps up...

FCS is experiencing a huge rise in orders for Magnom™ units, not least for the Process Unit. Many of these are being used in heavy gearbox applications at power stations, metal forming plants, sugar plants and cement plants.

The image to the left was taken recently by an FCS Director during a courtesy call to the Didcot Power Station in the UK, it shows Process Units mounted on skids prior to their installation into all remaining crushing gearboxes on site.

Magnom™ helps Henry...

Makers of the famous 'Henry' vacuum cleaner, Numatic International, have benefited from the use of Magnom™ technology on their injection moulding machines. M Duffy, Supervisor, says: "We can now appreciate just how much of an adverse effect this ferrous contamination has had on our pumps and chillers as it passed through them. By installing the Magnom™ filter we have taken steps to eliminate this issue and in doing so we will **dramatically reduce the level of maintenance required on these components in the future**".

Magnom™ distributor for the injection moulding sector, Nickerson Europe, based in the UK (tel 01933 674 144) are in the process of applying the Magnom™ technology to every moulding machine in the Numatic plant.



Magnom™ presentations...

FCS has developed targeted presentations outlining specific case-studies and economic benefits of the Magnom™ for injection moulding, machine tool and gearbox applications. Please contact FCS for your copies on CD.

Magnom™ on car-wash!



Engineers at Mike's Express Car Wash have installed a Magnom™ Midi on a hydraulic conveyor, they reviewed oil analysis before and after and found a **75% reduction in EPC (Equipment Particle Concentration)**. The customer has purchased and installed 31 on hydraulic units. Future installation are to be made on 60 hydraulic pumps. For more info contact Magnom™ US hydraulic distributor GP Services (317 888 4785).