FLUID CONDITIONING SYSTEMS

FCS launches 3 new products in Q3

Simplex Unit

FCS launches a Simplex product permitting simple access to the core for easy cleaning and condition monitoring.

As is the case with all Magnoms™, the units achieve sub-micron filtration at minimal pressure drop.

Once cleaned the core is then reused.

Piping size 3/4"

Retail £379 + VAT

Duplex unit

The duplex has been developed for customers that cannot afford downtime for cleaning the Magnom™, no matter how occasional.

The easy to use valve ensures that only one of the two cores is used at any given time, allowing the other to be cleaned freely.

Piping size 1"

Retail £1090 + VAT

WEDM unit

The machine tool market has driven the development of a new large scale Magnom™ simplex unit.

The unit is transparent allowing condition-monitoring. Once the core is visibly full of contaminant the bowl is easily unscrewed and the core removed for cleaning.

Piping size 1 1/2"

Retail £1050 + VAT

FCS acquires all Magnom™ Intellectual Property

FCS is pleased to announce the completion of a fund-raising exercise, allowing the acquisition of all intellectual property relating to the Magnom™ technology from the inventor.

Finance was provided by a private group of investors who have nominated Simon Preston as Chairman of the company.

Simon Preston is a private investor and entrepreneur based in the North West, with 21 years of experience of technology businesses and global markets in both large PLCs and SMEs.

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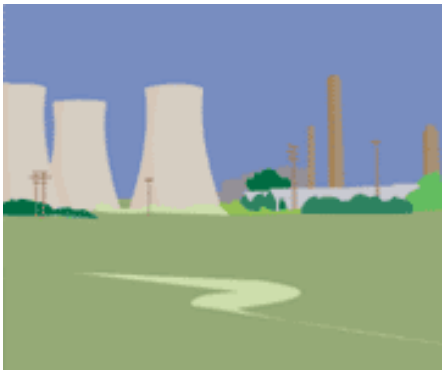
Magnom makes the difference in TT

The company's Pre Filter Unit (PFU) product is being used to protect the engine and transmission on a state of the art Kawasaki racing motorcycle, sporting the FCS Ltd / Magnom™ livery.

Rider Andy Miley is an Isle of Man Veteran of 15 Years and has seen success in many of his appearances at the Isle of Mann TT event.

He explains, "*competing in the gruelling Isle of Man race always affects the reliability of any machine, however I have used the Magnom™ products for three years now and not had any of the power unit reliability problems that have plagued me in the past". "I recommend the technology for any automotive engine or transmission application"*

Magnom™ success at Didcot Power Station



The Magnom™ technology has been trialled and now sold into Didcot A, the 2040 MW coal fired power station first commissioned in 1972, as a protection device for the open gear transmissions in the vertical axis coal mills.

The Magnom™ units have dramatically reduced the amount of contaminant in the ExxonMobil lubricant. The Magnom™ was the only device capable of achieving this without incurring a prohibitive pressure drop.

The Innogy engineers and ExxonMobil have a continual responsibility to review operating practice with a view to improving efficiency, extending asset life and, importantly, to achieve and where possible exceed increasingly stringent environmental targets. The Magnom™ project has met all of these ends.

Magnom™ says goodbye to high EDM costs

The Magnom™ technology has been successfully sold to a number of EDM machine owners to reduce the costs of conventional filtration and increase machine and dielectric life.

A Magnom™ was recently fitted to a Sodick A535 machine by Greg Simmonds, Managing Director of Central EDM, When asked of his experiences with Magnom™ Greg said *"Since fitting the Magnom™ to our machine, we have noticed an increase in filter life of more than double. This would constitute a significant saving over a twelve month period when fitted to our seven WEDM machines."*

Mark Wingfield and Arthur Watts, Directors of AM EDM Limited(0121 558 8352) have recently fitted a Magnom™ module to the dielectric system of a Sodick K1C EDM Hole Drilling machine to enhance performance, extend fluid life, reduce foaming and improve the overall cleanliness of the system.

When asked of his experiences with Magnom™ Mark commented:*"The results speak for themselves – We have increased the life of our dielectric additive by almost 75%; this alone justifies buying a Magnom™. We have also noticed a reduction in dielectric foaming, particularly when drilling larger holes. The unit is easy to clean and our machine is performing better than ever."*

Magnom™ is helping to mould a future

The effects of Magnom ™

Ron Thorne, Partner in Lodent Precision Injection Moulders, recently fitted a Magnom™ 'Mini-Module' unit to the closed loop cooling & heating system of a Krauss Maffei plastic moulding machine to protect the system from the harmful effects of ferrous contamination.

When asked of his experiences Ron said: "It's brilliant. Within 1 week of fitting the system to the cooling circuit I could see the sight glass on the machine clearing. I know that it's working because I can see the results. If you look at the sight glass number 1 you should see what I mean."

FCS is now in the final stage of development of a range of the Magnom™ technology with stainless steel plates for water environments.

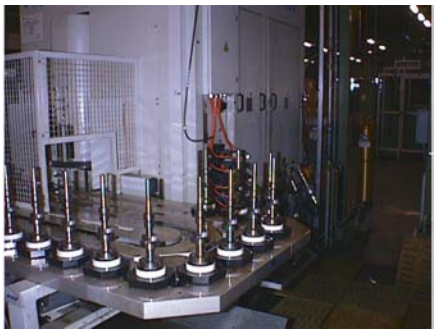
Magnom™ makes the headlines!

When Printing Press Services were upgrading the print roller drive transmissions for the New York Daily News, they knew that superior filtration would be key to the reliable long term operation of the complete print process. PPS selected the Magnom™ separation technology as the only filtration to be fitted on the transmission lube oil systems and installed the Magnom™ where conventional fine filtration never would be - on the suction side of the pump!

As a result the New York Daily News has suffered zero downtime on the eighteen installations and filter element replacement is now a thing of the past. David McManoman, Managing Director of PPS, states "*We made cost reductions too compared to the conventional disposable filters we normally supply and the end user has the added advantage of reduced future maintenance costs. Also we've seen virtually no wear in our gear and bearing assemblies since adopting the Magnom™ technology.*"

Magnom™ saves Ford-Getrag £80,000 /year!

The Ford-Getrag manufacturing plant in Halewood, Merseyside produces many complex components for automotive transmissions. One such operation involves the deep drilling of ferrous components with a heavy emphasis on the cleanliness of machining coolant necessary to maintain surface finish and to minimize tool wear.



Traditionally this cleanliness has relied on disposable filtration with associated disposal and maintenance costs, however, Ford-Getrag have recently been able to utilize the revolutionary Magnom™ technology to optimize their process on the suction side of the pump.

They have removed all the conventional filtration and have increased the average life of their pumps by many orders of magnitude, leading to year on year savings of in excess of £80,000.

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fcs fluid conditioning systems

MAGNOM

MILLENNIUM PRODUCTS

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Enquiry Form

I am interested in the following: (please check relevant boxes)

Investment in Fluid Conditioning Systems ☐

The Magnom™ technology ☐

- Transmission application ☐
- Machining application ☐
- Hydraulics application ☐
- Water application ☐
- Flushing application ☐
- Engine application ☐

- Distributorship ☐
- End customer ☐

Please find my contact details below:

Name .....

Company .....

Telephone .....

Email .....

Best time to contact.....