

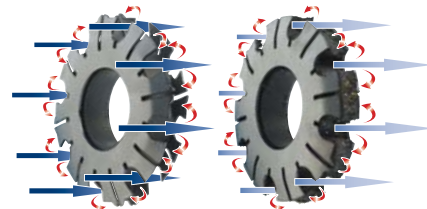
PROTECTING CRITICAL COMPONENTS

The patented **Magnom™**, as used in **NASCAR, Formula 1** and recently by **global off-highway vehicle manufacturers**, is a **revolutionary product in advanced filtration**. The **Magnom™** **reduces operating costs, extends equipment life and lowers equipment downtime.**

The **Magnom™** removes contaminant particles down to less than one micron from a variety of fluids. This includes the smallest and most abrasive particles that are responsible for the destructive chain reaction of wear in many processes.

Unlike conventional fluid filters, the **Magnom™** produces minimal pressure drop in the fluid. It has no moving parts and is simple in design. It also functions in a diverse range of fluid pressures, temperatures and flow rates.

The **Magnom™** is easily installed in a wide variety of applications - either as part of new systems or as a replacement to enhance existing processes.



Magnom™ - The Process

The **Magnom™** has wide flow channels that allow the process fluid to pass with minimal pressure drop. As the fluid flows through the **Magnom's™** magnetic field effect areas, ferrous contaminants are drawn into special collection zones. These zones hold significantly more contaminant than a conventional filter - without obstructing fluid flow or risking "wash-off". Therefore, the **Magnom™** can operate for very long periods without service and - when contaminants need to be removed - is easily cleaned and re-used.



MAGNOM™ PRODUCTS



CUSTOMISED OEM SOLUTIONS

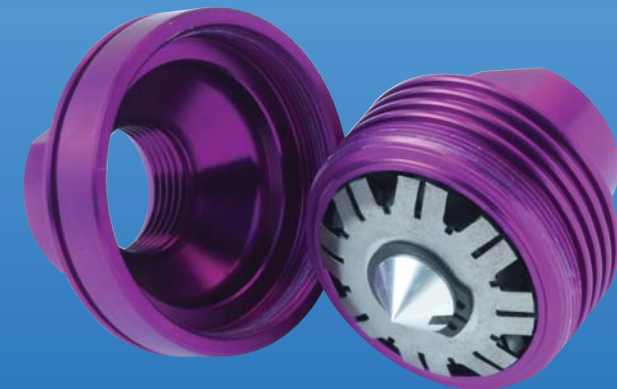


For further details or to order, visit:
www.magnom.com

Patents granted in Europe, EP 1 076 601, and in USA, US 6 743 365
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ON & OFF HIGHWAY HEAVY DUTY PROTECTION



Reduce failures and wear within:

-  hydraulics
-  transmissions
-  hydrostatics
-  gearboxes

MAGNOM™: BEYOND BARRIER FILTRATION



The Benefits

FAST PAY BACK

Extend Equipment & Lubricant Life

Reduce Operating Costs

Reduce Equipment Downtime



by

Removing the smallest and most abrasive contaminants



which

Reduces the chain reaction of wear

- **without incurring a significant pressure drop**
- **without contaminant wash-off**
- **without stripping additives**



all this with a

Cleanable and reusable unit

The award winning technology that provides critical component protection for your equipment investment.



The Magnum™ is presently used by OEMs and end customers to reduce costs.

1. Large Quarry Plant

"After examining the Magnum™ Filter installed on a CAT 980G, I was amazed at the amount of contaminant removed from the hydraulic and transmission systems, especially in such a short period of time (7days)"

Maintenance Engineer

2. Large Mid-West Lubricants Distributor

"The Magnum™ filters are an excellent addition to our product line, they filter out metal contaminants from the lubricants we sell. This results in longer fluid life and enhanced performance, giving long term customer relations."

Sales Director

3. Large Mining Operation

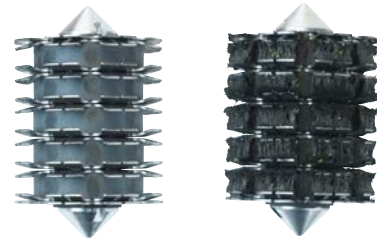
"A Magnum™ filter was installed on a new underground drilling machine after it required a service call for warranty, the machine was DOWN. The dealer found contamination in the hydraulic valves, so they installed the Magnum™. The machine is now performing without incident."

Underground Mine Engineer

4. Large North American Aggregate Producer

"My goal is to utilize Magnum™ Technology on all equipment within the Rock Quarry."

Chief Maintenance Engineer



Magnum™ cores, before and after contaminant collection, note that the flow channels are clear even when fully loaded

