

OEI Company Profile

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OEI designs and manufactures reusable magnetic filtration systems for equipment fluids. OEI magnetic filtration is employed internationally by companies in the oil and gas, mining, commercial and residential building, manufacturing, transportation, food, pharmaceutical, defense, petrochemical, and marine industries. These systems apply to engines, gearboxes, hydraulics and pneumatics, processed products, cooling systems, and water systems. Each filter employs a magnetic filter element with a patented radial field configuration for high holding strength. These systems operate with minimal flow restriction and are proven to capture both ferrous and non-ferrous contamination in rotating equipment applications.

As the sustainable alternative to conventional filters, each filter is optimized for its application and exceeds fluid cleanliness standards; this helps to prevent failure, reduce unplanned maintenance, and minimize downtime. The initial cost of an OEI product is quickly realized in the continued savings the product brings to any reliability program.

The core technology in all One Eye Industries magnetic filtration products is a magnetic filter element designed with a patented radial magnetic field configuration to remove wear particles down to 4 microns and below. The magnetic filter element is utilized in various housings with calculated dwell times for optimal filtration.

OEI's primary product lines are the ADD-Vantage 9000, and the Magnetic Filter Scrubber; other product lines include customized magnetic filter elements, magnetic filter plugs, magnetic y-strainers and magnetic filter patches. The ADD-Vantage 9000 is a magnetic filtration system that employs a magnetic element and a stainless steel cloth element in its design for high efficiency filtration and replaces conventional spin-on cartridge filters. The magnetic filter scrubber employs an OEI Magnetic Filter Element in a special housing that ensures maximum dwell time for high efficiency filtration. These systems install on both suction and return lines of low and high pressure applications.

With a product life of 18+ years, OEI technology helps to reduce companies' environmental footprints. As the alternative to conventional filtration, each filter is cleanable, requires minimal consumables, and operates without the use of utilities. Reusable components reduce the environmental impacts and costs associated with the disposal and replacement of conventional filters, fluids, and other equipment components.

OEI's corporate headquarters and manufacturing facility is located in Calgary, AB, Canada. Globally, OEI's authorized distribution partners are trained to aid in determining the most effective filtration solution for their application. The first OEI filtration system was installed in 2001, and has been proven successful in over 40 countries.

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