

Introduction to OEI Magnetic Filtration



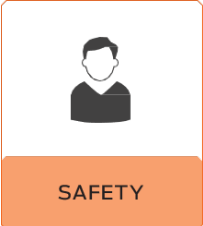
SOLVING TOMORROW'S CHALLENGES, TODAY.

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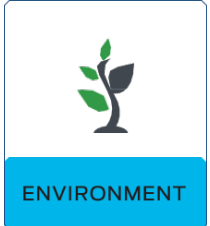
CORE TECHNOLOGY



Improve equipment reliability and in turn increase profitability.



Reduce unplanned maintenance and improve team safety.



Clean instead of dispose and protect your environment.

The patented, magnetic filter element attract ferrous wear particles down to and below 4 microns (μ) with up to 95%+ efficiency.

- Cleanable and reusable for 18+ years with minimal consumables.
- Filtration capability exceeds ISO fluid cleanliness standards.
- High dirt holding capacity allowing for longer service intervals.

EXTENDED
↑

Fluid Life (av. 2.5x)
Filter Life
Equipment Life (av. 2.5x)
Service Intervals (av. 2.5x)

REDUCED
↓

Filter Costs
Fluid Costs
Disposal Costs
Labour Costs



EXTENDING MAINTENANCE INTERVALS

Ocean Edge Services

PREVENTED MILLIONS
in SUBSEA POD
HPU REPAIRS



- Subsea HPU filtration was inadequate causing valve failure and million-dollar pod repairs.
- Magnetic filter brought fluid cleanliness down to 3 NAS in 4 hours.
- Annual savings from failures prevented millions.

[Read Case Study](#)

STEP Energy Services

PREVENTED \$350K in
GLYCOL PUMP
REPLACEMENTS



- Older Coil Tubing Unit had dirty coolant causing 3 failures over 7 years.
- Since magnetic filter install there have been no pump failures.
- Annual failures and associated downtime prevented: \$350,000

[Read Case Study](#)

NOV & Basic Energy

PREVENTED \$280K in
HYDRAULIC PUMP
REPLACEMENTS



- Coil Tubing Unit hydraulic line had valve failures every 2-12 hours.
- Since magnetic filter install, no valve failures, PM periods extended to 750 hours, cleanings extended to 1 year.
- Annual Savings: \$230,000

[Read Case Study](#)

Deployment:
Injection Fluids
Dispensers
Engine Coolant
Engine Fuel
Engine Lube Oil
Gearboxes
Hydraulics
Turbines
Pumps
Transmissions
Cooling Systems
Pneumatics
Pump Jack Gearboxes
Top Drives





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