

MAGSHIELD®

NEXT GENERATION BEST PRACTICE
for fluid contamination control



MAG-SHIELD®

Proactive protection to keep your high value equipment operating

Mag-Shield® magnetic filtration protects your hydraulic or fluid system from the consequences of iron contamination as it happens.

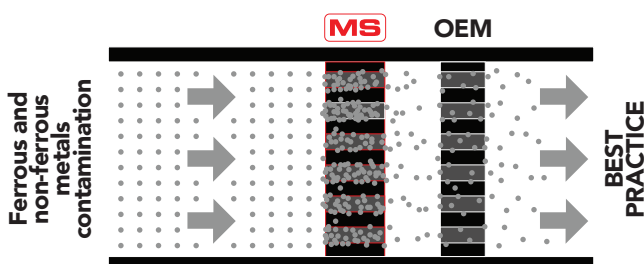
These **ultra-high-capacity filters** work within the fluid reservoir to complement standard OEM filters and **capture iron particles**, boosting the effectiveness of your existing filtration system.

The result is **improved reliability and lower operating costs** in heavy equipment, stationary systems and mobile mining equipment.

MAG-SHIELD® CAN HELP REDUCE OR ELIMINATE:

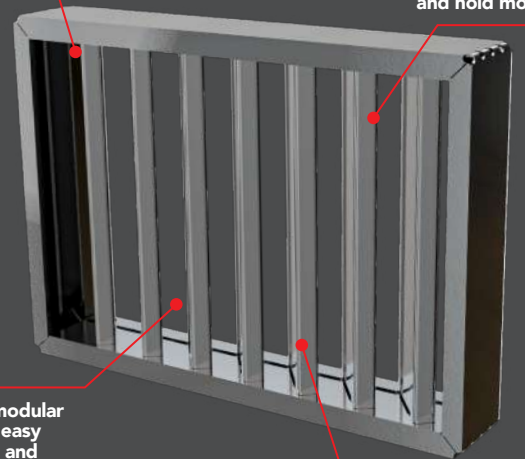
- ✓ Slurry **build-ups and cavitation** in the system
- ✓ **Wear and tear** including premature component wear
- ✓ **Secondary component** failures, and additional maintenance events following component failures

HOW MAG-SHIELD® WORKS:



Ergonomic in tank design to ensure low differential pressure or no turbulence in system

Proprietary design incorporating top quality and high capacity rare earth magnets to capture and hold more



Patented modular format for easy installation and application across all equipment types

Highest quality materials and manufacturing methods to ensure it lasts the life of the asset

Mag-Shield® is easily installed inside the reservoir with no fabrication or modification required.

- ✓ Designed to be located to capture 100% of returning fluid **without restricting or altering flow** to the suction side
- ✓ **Removes ferrous material on every pass**, ensuring fluid is cleaned before returning to any vital pump suction ports
- ✓ Protects and **improves the performance of traditional media filters** and minimise the system entering bypass

Mag-Shield® can be used for metal reduction in most oil-based fluids including hydraulic fluid.

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MAG-SHIELD® IN ACTION



Pre-installation



During regular operation



Following system failure

BENEFITS OF MAG-SHIELD® PROTECTION:



Extend component life



Get back to work faster



One-time investment



Improve filter performance



Reduce follow-on failures



Ensure ongoing protection

Join other industry leaders in implementing the **NEXT GENERATION BEST PRACTICE** for fluid contamination control

"Keeping nearly a thousand pieces of mining machinery operating required the best reliability strategies available. Here's why we made MagShield an integral part of our mobile equipment fleets"

- Mike Hynes, Superintendent of Reliability, North American Construction Group



EXPLORE THE MAGSHIELD FULL RANGE

ASSET
PROTECTION

MAG-SHIELD® **MAG-SHIELD® X**

Proactive protection to keep your high value equipment operating

DIAGNOSTICS

MAG-PROBE®

Accurate diagnostics to minimise failures in fluid systems