

# MAGSHIELD®

NEXT GENERATION BEST PRACTICE  
for fluid contamination control

# MAG-SHIELD® X





## Proactive protection to keep your high value equipment operating

**Mag-Shield®X** is the ideal **inline magnetic filtration solution** for hydraulic and fluid systems.

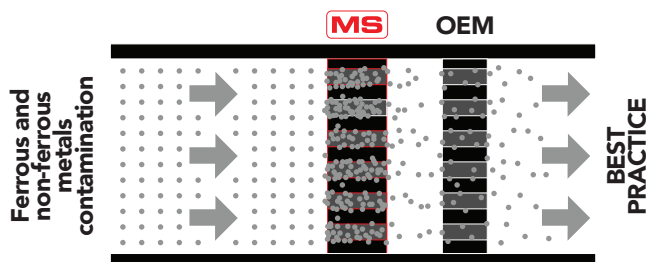
These **high-capacity canister-style filters** easily complement your existing filtration and **protects your system by removing** over 98% of **ferrous particles** on each circulation, without flow restriction or cavitation.

There is no other inline filter available with the same magnetic surface and effectiveness to **improve reliability and lower operating costs.**

### MAG-SHIELD®X HELPS YOU:

-  **Minimise failure of components** and extend life
-  **Protect the system** instantly during failures and from follow-on failures
-  Get **greater longevity and performance** from OEM filters
-  **Improve your machine availability and lower your maintenance costs**

### HOW MAG-SHIELD® WORKS:



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

Ergonomic design to ensure low differential pressure or no turbulence in high flow fluid systems to 250g per min

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

External fitting format for easy in-field installation and application across all medium to small equipment types

Integrated cleaning mechanism for easy ferrous material removal for further diagnostics

**Mag-Shield®X** is contained within a traditional filter housing for **easy installation and maintenance** alongside your existing filtration system.

- ✓ **Multi-rod, rare earth magnets collect ferrous contamination** that standard OEM filters can't
- ✓ **Continually protects your recirculating fluid systems** from normal wear and debris from failing components
- ✓ **Is designed to collect wear material for analysis** as part of your condition monitoring program

**Mag-Shield®X** is ideal for **heavy machinery, mobile mining equipment, stationary systems** and other applications

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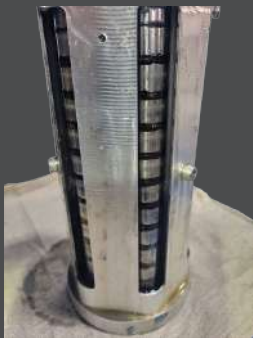
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## MAG-SHIELD® X IN ACTION



Pre-installation



During regular operation



Following system failure

## SPECIFICATIONS OF MAG-SHIELD X INLINE PREFILTRATION SOLUTION:

- ✓ Suitable for most Petroleum products – Viton seals
- ✓ Designed for up to 350 litres/min flow rate
- ✓ Maximum holding capacity, 264 grams of material
- ✓ Maximum temperature rating, 180 °C
- ✓ Pressure differential across clean filter, 6.25 PSI
- ✓ Pressure relief valve bypass rating, 20 PSI
- ✓ Cannister pressure rating, 900 PSI
- ✓ Weighs 18kg (incl. fluid and mounting bracket)
- ✓ Service Manual QR Code on internal element

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

**CAT** RioTinto

**BHP** Peabody

**KAZ** NORTH AMERICAN CONSTRUCTION GROUP

Canadian Natural **SUNCOR** ENERGY

**NEVADA** GOLDMINES GLENCORE

## 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