

MAGSHIELD®

NEXT GENERATION BEST PRACTICE
for fluid contamination control

MAG-SHIELD® X





Proactive protection to keep your high value equipment operating

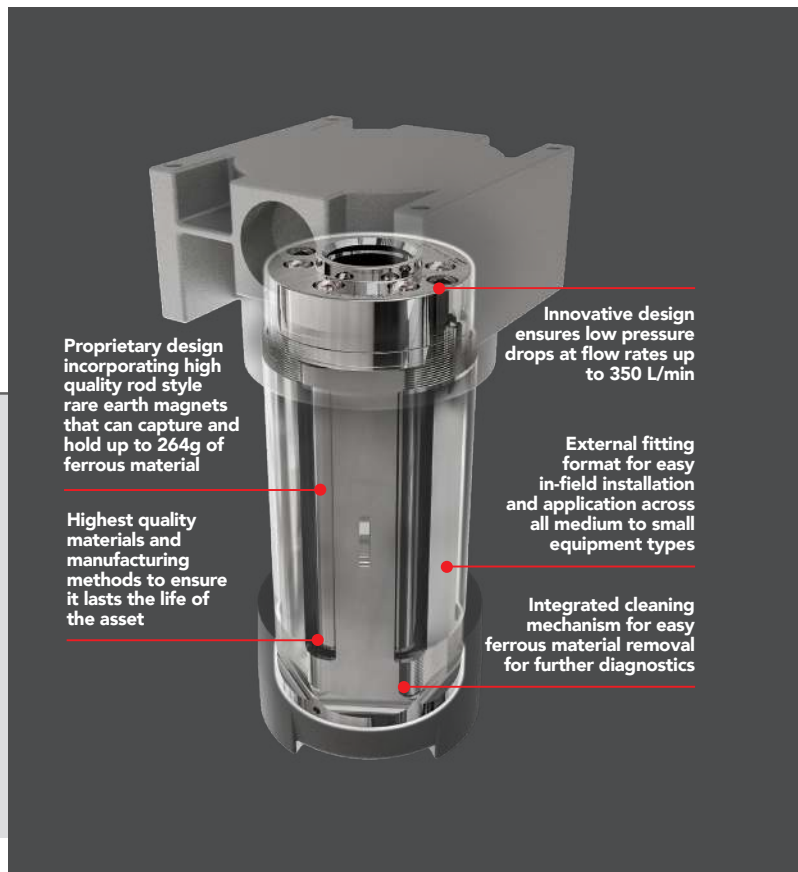
Mag-Shield®X is the ideal **inline magnetic filtration solution** for hydraulic and fluid systems.

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.

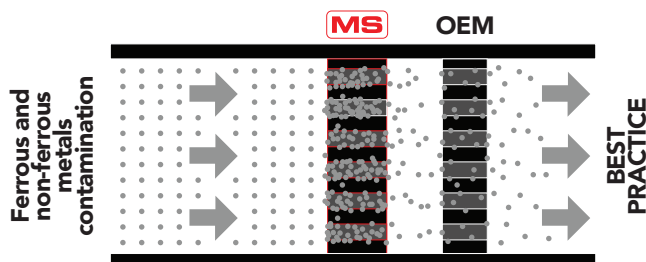
There is no other inline filter available with the same magnetic surface and effectiveness to **improve reliability and lower operating costs.**

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:



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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MAG-SHIELD®X IN ACTION



Mag-Shield®X assembly



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, 150°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