

PROTECTED BY

MAGSHIELD®



MAGNETIC PRE-FILTRATION FOR HIGH VALUE EQUIPMENT

MAG-SHIELD®X

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 protect your system by removing over **98% of ferrous particles in each circulation**—without **flow restriction** or **cavitation**. No other inline filter offers the same **magnetic surface area** and **effectiveness** to improve **reliability** and **lower operating costs**.

"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

Mag-Shield®X is housed in a **traditional filter casing** for **easy installation** and **maintenance** alongside your existing filtration system.

- **Multi-rod, rare earth magnets** collect ferrous contamination that standard **OEM filters** cannot.
- Provides **continuous protection** for recirculating fluid systems against **normal wear** and **debris** from failing components.
- Designed to collect **wear material for analysis** as part of your **condition monitoring program**.
- Suitable for **heavy machinery, mobile mining equipment, stationary systems**, and other demanding applications.

MAG-SHIELD®X HELPS YOU:



Minimise component failure and **extend equipment life**



Protect systems instantly during failures and prevent **secondary damage**



Increase the **longevity** and **performance** of OEM filters



Improve machine availability and **reduce maintenance costs**

Proprietary design incorporating high quality rod style rare earth magnets that can capture and hold up to 264g of ferrous material

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

Innovative design ensures low pressure drops at flow rates up to 350 L/min

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

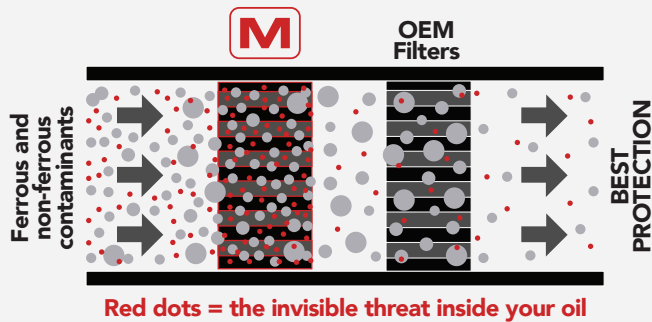


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HOW MAG-SHIELD®X WORKS:



- **Innovative design** ensures low pressure drops at flow rates up to 350 L/min
- **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
- **Proprietary design** incorporating high quality rod-style rare earth magnets that can capture and hold up to **264g** of ferrous material
- **Highest quality materials and manufacturing methods** to ensure it lasts the life of the asset

MAG-SHIELD®X IN ACTION:



Mag-Shield®X assembly



During regular operation



Following system failure

MAG-SHIELD®X SPECIFICATIONS:

- ✓ Suitable for most petroleum products – Viton seals
- ✓ Designed for up to **350 litres/min** flow rate
- ✓ Maximum holding capacity: **264 g of material**
- ✓ Maximum temperature rating: **150°C**
- ✓ Pressure differential across clean filter: **6.25 PSI**
- ✓ Pressure relief valve bypass rating: **20 PSI**
- ✓ Canister pressure rating: **900 PSI**
- ✓ Weighs: **18kg** (total)
- ✓ **Service Manual QR Code** on internal element

EXPLORE THE FULL RANGE OF MAGSHIELD PRODUCTS

PROTECT

MAG-SHIELD®

MAG-SHIELD®X

Proactive protection to keep your high value equipment operating

DIAGNOSE

MAG-PROBE®

MAG-SAMPLE® PRO

Precise diagnostic product to minimise failures in fluid systems