



Eco-Mag Magnetic Filter

Series: Eco-Mag

Eco-MAG

- No consumables required, ever! Once purchased, requires no ongoing spending, resulting in lower operating costs
- Reduced environmental impact, all you are left with is magnetic material - no need to dispose of dirty cartridges!
- No more paper filters
- Lengthens coolant life; huge cost reduction on coolant disposal, replacement



- Contaminated fluid
- Filtered fluid
- Magnetic flux lines



Application

The Eco-Mag® removes magnetic and paramagnetic contaminants, down to sub-micron size, from lubricants, coolants and other industrial use fluids. The Eco-Mag extends fluid life, reduces disposal costs, improves product accuracy and finish, and reduces machine and part wear. Magnetic technology is green, and substantially reduces both the need to buy costly consumables and the associated downtime required to change paper filters.

Operation

Eco-Mag® is easily integrated into shop fluid lines. Fluids are pumped through the Eco-Mag® which integrates magnetic technology to separate steel turnings, chips and/or swarf from the fluid flow. As the fluid flows over the magnetic material ferrous swarf is attracted to and secured by the magnet. Using the supplied cleaning tool, a fully contaminated core can be cleaned in under 30 seconds, leaving you with only metallic particles, which can be easily disposed of.

Eco-Mag Selection Guide

| Part Number | Length (IN) | Diameter (IN) | Connection NPT (IN) | Max. PSI Pressure | Max. Flow Rate (gallons/minute) | Max. Temp F |
|-------------|-------------|---------------|---------------------|-------------------|---------------------------------|-------------|
| ECO5 /1.0 | 7.5 | 3.7 | 1 | 174 | 18 | 41-122 |
| ECO10 /1.0 | 12.4 | 4 | 1 | | 26 | |
| ECO20 /1.5 | 23.9 | 4 | 1.5 | | 39 | |

Cleaning & Accessories



Using the supplied cleaning tool, a fully contaminated core can be cleaned in under 30 seconds, leaving you with only metallic particles, which can be easily disposed of, no dirty cartridges.



*Specifications subject to change

Series ECO-Mag Version 2.0 © MPI

