

FILTRATION SYSTEMS

THE X AND Z CONCEPTS

MY CLEAN[®]

&
zerospark[®]
THE ANTI-STATIC FILTERS



PASSION TO PERFORM

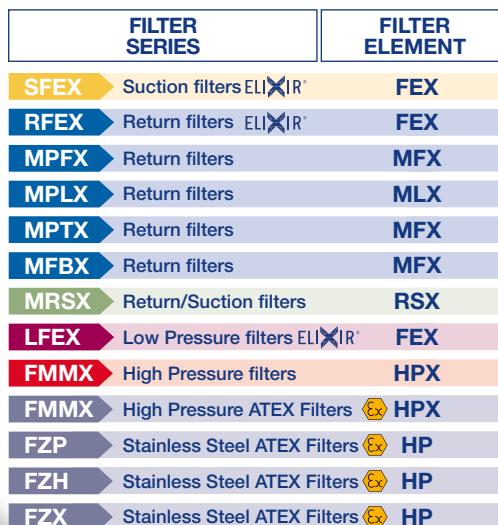
MPFILTRI[®]

THE VALUE OF THE MACHINE ALSO LIES IN THE CORRECT FUNCTIONING OF ITS LUBRICATION SYSTEM. THEREFORE, BY USING ONLY ORIGINAL SPARE PARTS:

- you protect the machine from malfunctions caused by the improper use of non-original products
- you help machine manufacturers and users to increase the RELIABILITY and EFFICIENCY of their machines in order to maximise their PROFITS.

THE X CONCEPT FOR OUR FILTERS

Protect the performance of your system with MYclean. Quality and efficiency are fundamental for MP Filtri: this exclusive new filter element possesses polygon shape geometry and specific seal that ensures only original spare parts can be used - ensuring correct operation and higher system reliability.



TO ENSURE MACHINE RELIABILITY,
QUALITY AND EFFICIENCY, THE FILTER ELEMENT
IS THE COMPONENT TO BE REPLACED!

zerospark® THE ANTI-STATIC FILTERS



THE Z ANTISTATIC CONCEPT FOR OUR FILTERS

zerospark® is a specialist solution designed to solve the problem of electrostatic discharge inside hydraulic filters. Caused by the electrical charge build-up due to the passage of oil through the filters, this can result in damage to filter elements, oils and circuit components. It can even cause fire hazards in environments where flammable materials are present.

zerospark® filter element
is the default concept
for all MP Filtri's ATEX products
intended for use in potentially
explosive atmospheres

High Pressure Filters
for potentially explosive
atmosphere

FMMX

HPX Filter element



Stainless Steel Filters
for potentially explosive
atmosphere

FZP

HP Filter element



Stainless Steel Filters
for potentially explosive
atmosphere

FZH

HP Filter element



Stainless Steel Filters
for potentially explosive
atmosphere

FZX

HP Filter element



MY CLEAN

zerospark®
THE ANTI-STATIC FILTERS

✓	-
✓	-
✓	OPTION
✓	-
✓	OPTION
✓	OPTION
✓	-
✓	-
✓	OPTION
✓	✓
-	✓
-	✓
-	✓
-	✓

zerospark®
THE ANTI-STATIC FILTERS

FILTER ELEMENTS

Different options of filter elements with the MyClean and zerospark® concepts



STANDARD DESIGN



CUSTOM DESIGN



THE ANTI-STATIC FILTERS



ZEROSPARK® DESIGN

END CAPS



MFX
RSX
MLX



FEX
HPX



HEXAGON LARGE



OCTAGON

Custom polygonal shapes and colours



MYCLEAN+ZEROSPARK® DESIGN

MYCLEAN is an exclusive MP FILTRI design protected by one or more of following patents:

ITALIAN PATENT
n° 102014902261205

CANADIAN PATENT
n° 2,937,258

EUROPEAN PATENT
n° 3 124 092 B1

US PATENT
n° 20170030384 A1



zerospark® is an exclusive MP FILTRI design with registered trademark

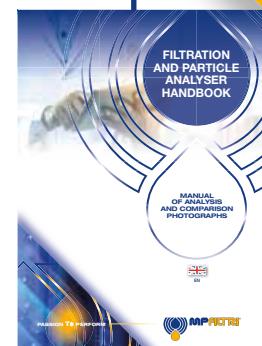


Hydraulic Fluid Contamination is the cause of most failures



The Massachusetts Institute of Technology - M.I.T. Boston (US) have established, according to the study made by Dr. E. Rabiniwicz, that the presence of solid particles in the hydraulic fluid is the most important factor influencing the reliability and life of fluid systems.

Between
70% and 80%
of all hydraulic and lube oil system failures
are the direct results
of fluid contamination!



In all hydraulic fluid power systems, power is transmitted and controlled through a fluid under pressure within an enclosed circuit. This liquid is both a lubricant and a power transmitting medium. The presence of solid contaminant particles in the liquid inhibits the ability of the hydraulic fluid to lubricate and causes wear to the components. The extent of contamination in the fluid has a direct bearing on the performance and reliability of the system.

APPLICATIONS

MOBILE EQUIPMENT

Agriculture & Forestry

Construction

Materials handling

Waste disposal



INDUSTRIAL

Marine & Offshore

Steel plant & Metal Processing

Power Generation (including renewable)

Forming machines



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