

FILTRATION SYSTEMS

The **X** and **Z** concepts

MY CLEAN

&
zerospark®
THE ANTI-STATIC FILTERS



PASSION **T** PERFORM



PROTECT LIFE AND PERFORMANCE OF YOUR MACHINE BY ONLY USING ORIGINAL SPARE PARTS!

- Protects the machine from improper use of non-original products
- The value of the machine is the right functionality of its hydraulic system
- Helps OEMs to increase RELIABILITY and PROFIT

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.

MYCLEAN

8

Return Filters

MPFX

MFX Filter element



Hi Pressure Filters

FMMX

HPX Filter element



Return Filters

MPLX

MLX Filter element



ELIXIR®

Return Filters

RFEX

FEX Filter element



Return Filters

MPTX

MFX Filter element



ELIXIR®

Suction Filters

SFEX

FEX Filter element



Return Filters

MFBX

MFX Filter element



ELIXIR®

Low & Medium Pressure Filters

LFEX

FEX Filter element



Suction/Return Filters

MRSX

RSX Filter element



Return Filters

MPFX

MFX Filter element



Return Filters

MFBX

MFX Filter element

FILTER SERIES NAME		FILTER ELEMENT NAME
SFEX	Suction filters ELIXIR®	FEX
RFEX	Return filters ELIXIR®	FEX
MPFX	Return filters	MFX
MPLX	Return filters	MLX
MPTX	Return filters	MFX
MFBX	Return filters	MFX
MRSX	Return/Suction filters	RSX
LFEX	Low Pressure filters ELIXIR®	FEX
FMMX	High Pressure filters	HPX
FMMX	High Pressure ATEX Filters	HPX
FZP	Stainless Steel ATEX Filters	HP
FZH	Stainless Steel ATEX Filters	HP
FZX	Stainless Steel ATEX Filters	HP

MYCLEAN

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 FILTER ELEMENT	zerospark® FILTER ELEMENT THE ANTI-STATIC FILTERS
✓	-
✓	-
✓	OPTION
✓	-
✓	OPTION
✓	OPTION
✓	-
✓	-
✓	OPTION
✓	✓
-	✓
-	✓
-	✓

FILTER ELEMENTS

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

MYCLEAN



STANDARD DESIGN



CUSTOM DESIGN

END CAPS

HEXAGON LARGE



OCTAGON



Custom polygonal shapes and colours



**MFX
RSX
MLX**



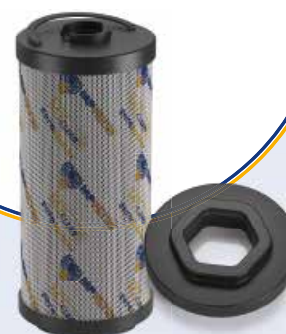
**FEX
HPX**

zerospark®
THE ANTI-STATIC FILTERS



ZEROSPARK® DESIGN

MYCLEAN
+
zerospark®
THE ANTI-STATIC FILTERS



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° 16181725.9

US PATENT
n° 15/224,337



zerospark® is an exclusive MP FILTRI design with registered trademark

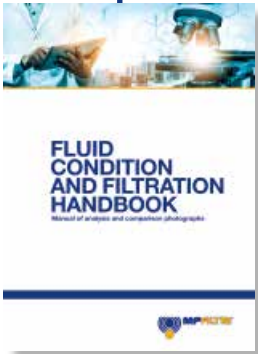


Hydraulic Fluid Contamination is the cause of most failures



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



WORLDWIDE NETWORK

CANADA ♦ CHINA ♦ FRANCE ♦ GERMANY ♦ INDIA ♦ SINGAPORE
UNITED ARAB EMIRATES ♦ UNITED KINGDOM ♦ USA



PASSION T PERFORM

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