

FILTRATION SYSTEMS

THE **X** AND **Z** CONCEPTS

MYCLEAN

&
zerospark[®]
THE ANTI-STATIC FILTERS



PASSION **T** PERFORM



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

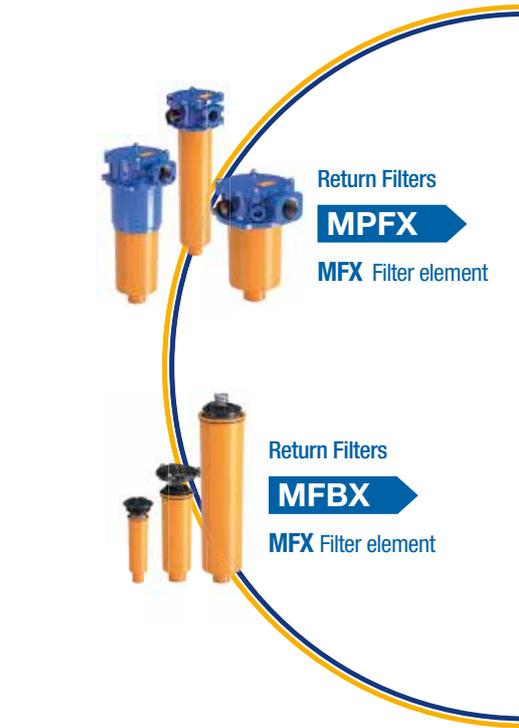
- you protect the machine from malfunctions caused by the improper use of non-original products
- you help machine manufacturers and users to increase the RELIABILITY and EFFICIENCY of their machines in order to maximise their PROFITS.

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.



<p>Return Filters</p> <p>MPFX</p> <p>MFX Filter element</p> 	<p>High Pressure Filters</p> <p>FMMX</p> <p>HPX Filter element</p> 
<p>Return Filters</p> <p>MPLX</p> <p>MLX Filter element</p> 	<p>ELIXIR®</p> <p>Return Filters</p> <p>RFX</p> <p>FEX Filter element</p> 
<p>Return Filters</p> <p>MPTX</p> <p>MFX Filter element</p> 	<p>ELIXIR®</p> <p>Suction Filters</p> <p>SFEX</p> <p>FEX Filter element</p> 
<p>Return Filters</p> <p>MFBX</p> <p>MFX Filter element</p> 	<p>ELIXIR®</p> <p>Low & Medium Pressure Filters</p> <p>LFEX</p> <p>FEX Filter element</p> 
<p>Suction/Return Filters</p> <p>MRSX</p> <p>RSX Filter element</p> 	



FILTER SERIES	FILTER ELEMENT
SFEX	Suction filters ELIXIR® FEX
RFX	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
FMPX	High Pressure ATEX Filters HPX
FZP	Stainless Steel ATEX Filters HP
FZH	Stainless Steel ATEX Filters HP
FZX	Stainless Steel ATEX Filters HP



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

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®
THE ANTI-STATIC FILTERS

Return Filters

MPTX

MFX Filter element

High Pressure Filters

FMMX

HPX Filter element

High Pressure Filters for potentially explosive atmosphere

FMMX

HPX Filter element

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



MYCLEAN	zerospark® 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



**MX
RSX
MLX**



HEXAGON LARGE



**FEX
HPX**



OCTAGON

Custom polygonal shapes and colours

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° 3 124 092 B1

US PATENT
n° 20170030384 A1



zerospark® is an exclusive MP FILTRI design with registered trademark

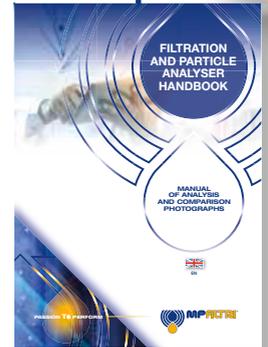


Hydraulic Fluid Contamination is the cause of most failures



The Massachusetts Institute of Technology - M.I.T. Boston (US) have established, according to the study made by Dr. E. Rabinowicz, 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!



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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  PERFORM

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