

# FILTRATION SYSTEMS

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

**MY**CLEAN

&

**zerospark**<sup>®</sup>

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**

MPFX Filter element



Hi Pressure Filters

**FMMX**

FMMX Filter element



Return Filters

**MPLX**

MPLX Filter element



ELIXIR<sup>®</sup>  
Return Filters

**RFEX**

RFEX Filter element



Return Filters

**MPTX**

MPTX Filter element



ELIXIR<sup>®</sup>  
Suction Filters

**SFEX**

SFEX Filter element



Return Filters

**MFBX**

MFBX Filter element



ELIXIR<sup>®</sup>

Low & Medium Pressure Filters

**LFEX**

LFEX Filter element



Suction/Return Filters

**MRSX**

MRSX Filter element



ELIXIR<sup>®</sup>

Low & Medium Pressure Filters

**HFEX**

HFEX Filter element



**MYCLEAN**



Return Filters

**MPFX**

MPFX Filter element

Return Filters

**MFBX**

MFBX Filter element

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

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

## THE Z ANTISTATIC CONCEPT FOR OUR FILTERS

**zerospark®**  
THE ANTI-STATIC 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.

Return Filters

**MPTX**

MFx Filter element

Hi 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

**MY CLEAN**

**FILTER ELEMENT**

**zerospark® FILTER ELEMENT**  
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

**MYCLEAN**



**STANDARD DESIGN**



**CUSTOM DESIGN**

## END CAPS

MFX  
RSX  
MLX



HEXAGON LARGE



OCTAGON

FEX  
HPX



Custom polygonal shapes and colors

**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



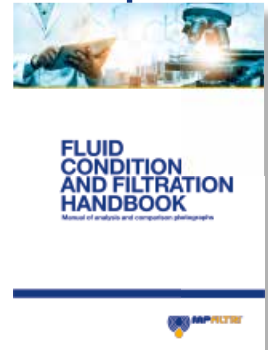
# Hydraulic Fluid Contamination is the cause of most failures



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

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



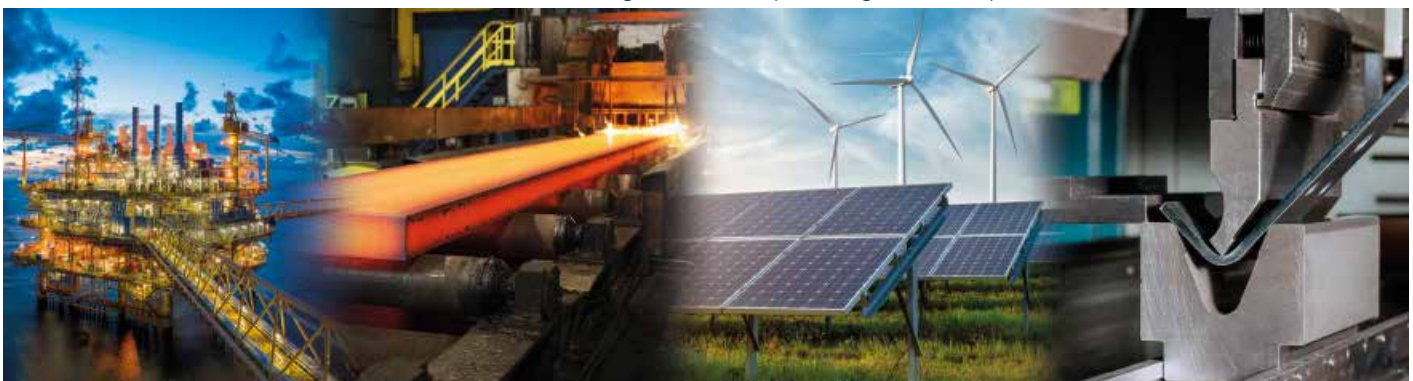
### INDUSTRIAL

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

HQ  
ITALY



PASSION  PERFORM

in   



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