

OIL & GAS



MPFILTRI[®]



HYDRAULIC FILTRATION

STAINLESS STEEL HIGH PRESSURE FILTERS

Stainless steel construction ensures peak protection when operating in corrosive environments or aggressive fluids. High pressure stainless steel filters are used to protect individual valves or the entire hydraulic circuit from contamination.



THE ATEX CERTIFIED MP FILTRI PRODUCTS ARE THE FOLLOWING

Standard ATEX Directive 2014/34/EU and UK Regulation S.I. 2016 No. 1107 (as amended).

There are two different markings, defined by the type of gaskets that determine the maximum temperature.

FZH 040
FZH 012

FZP 136
FZP 039

FZX 011

Filter with **NBR** seal in configuration **zerospark®**



II 3G Ex h IIC T6 Gc X
II 3D Ex h IIIC T85°C Dc X
T_{amb} : -15°C ÷ +80°C, T_{max fluid} +80°C

Filter with **EPDM / FPM / MFQ** seal in configuration **zerospark®**



II 3G Ex h IIC T6... T4 Gc X
II 3D Ex h IIIC T85°C...T115°C Dc X
T_{amb} : -15°C ÷ +110°C, T_{max fluid} +110°C

DEZ
DVZ
DEH

CONTAMINATION MONITORING PRODUCT

Hazardous environment permanently mounted in-line contamination monitor. High-risk and explosive environments.



**LPA3
PORTABLE
PARTICLE
COUNTERS**



**ICM 2.0
IN-LINE
CONTAMINATION
MONITOR**



**AZ2
IN-LINE
CONTAMINATION
MONITOR**



3G Ex nR IIB T5 Gc IP66

THE ANTI-STATIC FILTERS
zerospark®

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.

TANK ACCESSORIES

TANK ACCESSORIES

The complete range of tank accessories for hydraulic circuits comprises breather filters, filler and breather filters, filler caps, visual and electrical level indicators, pressure gauges selectors, flanges for fixing the oil tubes on the tank cover and inspection doors.

Filler and breather filters have a dual function at the tank inlet in the filtration of the incoming air and the pre-filtration of the fluid through the basket, in order to prevent the entry of foreign bodies during the filling or refilling operations.



TA 70

SAW

TAP 90

LVA 20

LVK

STR

LEN

OB

POWER TRANSMISSION



COUPLINGS

Drive couplings provide the means by which power is transmitted from the electric motor to the hydraulic pump.



BELL-HOUSING

Bell-Housings are used as connecting elements between IEC electric motors and a wide range of hydraulic pumps available on the international market.



ACCESSORIES

Our accessories line completes the range, adding value and features to the motor pump unit.

SGE series / AKG series:



II 2G Ex h IIC T6...T4 Gb
II 2D Ex h IIC T85°C...T135°C Db

Installation zone: **zone 1 / 21**

Dust group: **IIIC**

Gas group: **IIC**

Ambient temperature: **-30C° ÷ +120°C**

MOBILE FILTRATION UNIT

A complete set of high-tech, fixed or portable engineering solutions for reducing fluid contamination.

Mobile Filtration Units provide the perfect solution for the maintenance of lubrication oil and hydraulic fluids in off-line filtration applications.

With a versatile and compact design, they are used to pre-filter, transfer or condition hydraulic fluids from existing circuits to new ones or to clean existing ones during oil changes, filling and flushing, also removing any residues of water.

Available equipped with the ICM contamination monitor for complete control and awareness of contamination levels.



UFM 015



UFM 051



UFM 180

WORLDWIDE NETWORK



CANADA • CHINA • FRANCE • GERMANY • INDIA • RUSSIAN FEDERATION

USA • UNITED KINGDOM • UNITED ARAB EMIRATES • SINGAPORE



PASSION TO PERFORM



mpfiltri.com