OIL & GAS

PASSION TO PERFORM
Zerospark® is a specialized 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, electrostatic discharge can result in damage to filter elements, oils and circuit components. It can even cause fire hazards in environments where flammable materials are present.

FILTERS FOR POTENTIALLY EXPLOSIVE ATMOSPHERE

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 sealing material that determine the maximum operating temperature.

THE ATEX CERTIFIED MP FILTRI PRODUCTS ARE THE FOLLOWING

THE ANTI-STATIC FILTERS

ZeroSpark® is a specialized 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, electrostatic discharge can result in damage to filter elements, oils and circuit components. It can even cause fire hazards in environments where flammable materials are present.

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.
MOBILE FILTRATION UNITS
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.

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:

Installation zone: zone 1 / 21
Dust group: IIC
Gas group: IIIC
Ambient temperature: -30°C°÷ +120°C

CONTAMINATION CONTROL SOLUTIONS

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

LPA3 PORTABLE PARTICLE ANALISER

ICM 2.0 IN-LINE CONTAMINATION MONITOR

AZ2 IN-LINE CONTAMINATION MONITOR

M O B I L E  F I L T R A T I O N  U N I T S

UFM 015

UFM 051

UFM 180