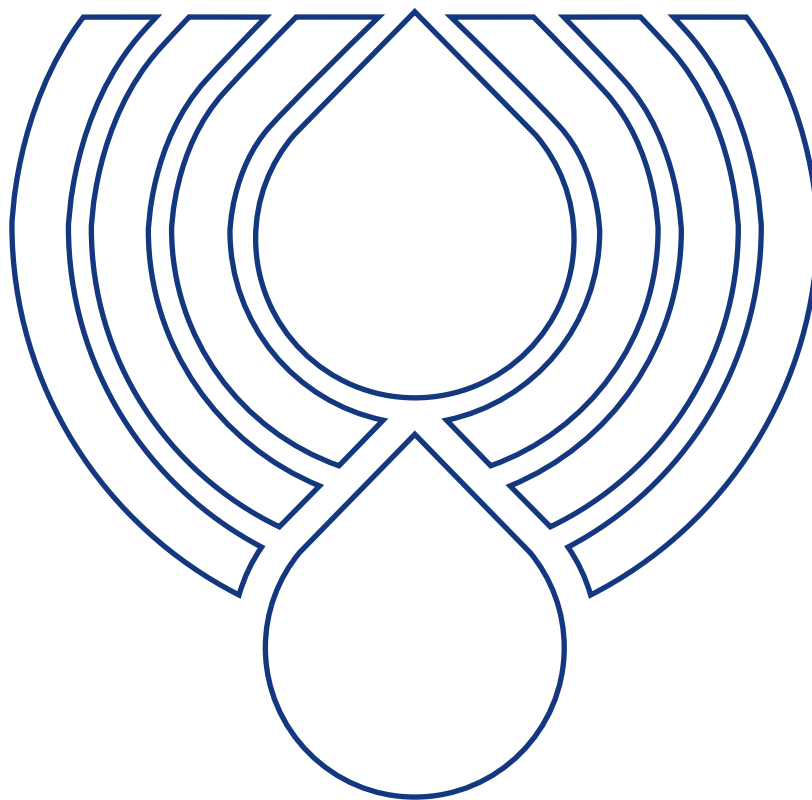


# Tank Accessories



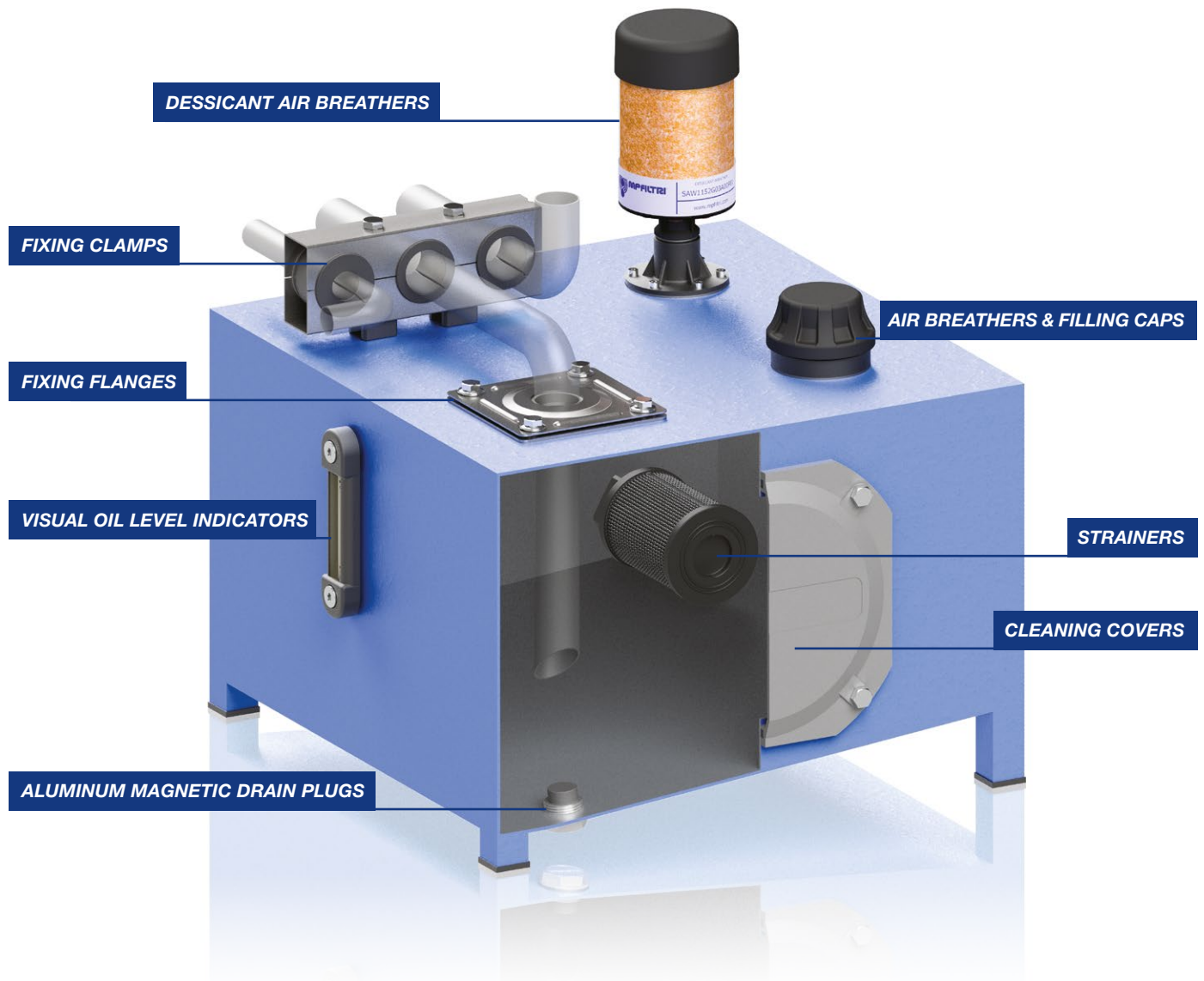
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# TANK ACCESSORIES

The complete range of MP Filtri tank accessories for hydraulic systems are composed of: filler breathers, filler caps, visual and electrical level indicators, pressure gauge selector valves, flanges for fixing the oil tubes on the tank cover and

inspection cleanout covers. Filler breathers have a dual function at the tank inlet: filtration of incoming air and pre-filtration of the fluid through the basket in order to prevent contamination ingress during filling or refilling operations.



# STRAINERS

Strainers are used as safety filters to protect pumps from gross contamination.



## STR, STRB & MPA - MPM

### Suction strainers

Comprehensive range of strainers available in the marketplace, STR, MPA – MPM are internally mounted with threaded connections from 3/8" to 3" BSP/NPT.

STRB are externally mounted with NPT & SAE threaded connections from 1" to 4".

Flow rates up to 231 gpm (875 l/min).

**Low cost suction strainer intank mounting with or without integral bypass valve or magnetic column.**

# AIR BREATHES AND FILLER PLUGS

Breather filters are used to filter incoming air of hydraulic tanks and for filling hydraulic tanks with oil.

Available versions: pressurized, non-pressurized, threaded connection, welded and flange mounting with screws.



## SAP054 - SAP075 - SA

### Nylon air breather filter (SAP054-075)

### Metal air breather filter (SA)

Threaded connection from 1/4" to 2 1/2".

Flow rate up to 660 gpm (2500 l/min), filtration rating 3 and 10 µm replaceable filter elements.

Common applications: mobile machines and industrial equipment.



## SAW115

### Dessicant air breather filter

SAW115 breather units can be added to systems or can replace existing breathers using the SMG 1 adapter.

Available in three different sizes, max air flow up to 453 l/min (16 cfm).

Common applications: IBC tanks, transformers, storage tanks in hydraulics, power generation, mining, aviation, manufacturing, and petrochemical applications.

Protection from moisture and particulate contamination in lubricant and equipment.

## SCS

### Air breather filter

Composed of spin-on type filter elements, with welded or flange connections, flow rate up to 343 gpm (1300 l/min), filtration rating 3 - 10 µm absolute or 10 µm nominal.

Common applications: mobile machines and industrial equipment.

# AIR BREATHER AND FILLER PLUGS

Breather filters are used to filter incoming air of hydraulic tanks and for filling hydraulic tanks with oil.

Available versions: pressurized, non-pressurized, threaded connection, welded and flange mounting with screws.



## SME1 - SMF1 - SML1

### Tank accessories

Risers for installation of breathers and filler caps on the tank. Common applications: mobile machines and industrial equipment.

SME1 range: for tanks in the mobile sector, it increases the oil-air level space, to aid in preventing external leakage due to oil slosh within the tank. SMF1 and SLM1 provide option for mounting the filler and vent plug on the tank side wall instead of the tank top.

## TA46 - TAP50 - SAP50

### Filling caps and filler breathers

Flow rate up to 53 gpm (200 l/min) with 3 and 10 µm filter element. Available in small sizes, they are made of steel or nylon.

TAP and SAP50 are available with an optional pressurization valve.

Common applications: compact hydraulic systems.

## TA80

### Metal oil filler and air breather filler cap

Flow rate up to 145 gpm (550 l/min) with 3 and 10 µm filter element.

Common applications: mobile machines and industrial equipment.

Available features: pressurization valve, anti-splash and padlock tab.

## TAP90

### Nylon oil filler and air breather filler cap

Flow rate up to 145 gpm (550 l/min) with 3 and 10 µm filter element.

Common applications: mobile machines and industrial equipment.

Available features: mesh basket, pressurization valve, padlock tab and dipstick.

## TAP114

### Nylon oil filler and air breather filler cap

Flow rate up to 422 gpm (1600 l/min) with 10 µm replaceable filter element.

Common applications: mobile machines. Requiring a flow rate higher than traditional filling caps.

## TAP115 & SAP115

### Nylon oil filler and air breather filler plugs

Flow rate up to 792 gpm (3000 l/min) with 3 and 10 µm replaceable filter element and optional clogging indicator.

Common applications: mobile machines and industrial equipment.

# FILLER AND DRAIN PLUGS

Filler caps are installed into the fill port of hydraulic tanks.



## TKT - TSD - TKM

**Nylon filler cap (TKT)**

**Aluminium magnetic drain plug (TKM)**

**Nylon oil filler and air breather filler cap (TSD)**

Common applications: compact hydraulic systems. Small sizes for mini power packs. Available features: anti-splash to prevent fluid leakage from the tank through the oil dipstick, air breather.

TKM version with integrated magnet allows retention of ferrous particles in the fluid.

## TC50

**Nylon filling caps and air breathers**

Common applications: compact hydraulic systems.

Small sizes and available features: oil dipstick, anti-splash to prevent fluid leakage from the tank.

# VISUAL OIL LEVEL INDICATORS

Visual level indicators are used to monitor the level of fluid in hydraulic tanks.



## LMA - LCP - LCC

**Visual bullseye oil level indicators**

Sight gauge for monitoring the fluid level within the tank.

Common applications: compact hydraulic systems.



## LVA - LVU

**Visual oil level indicators**

LVA range available in 3", 5" & 10" mounting to monitor oil level in the tank.

LVU range available in length up to 78" with variable mounting center-line dimensions.

Optional drain valve, to sample the oil.

Common applications for both series: mobile machines and industrial equipment.



# ELECTRICAL OIL LEVEL INDICATORS

Visual/Electrical level indicators are used to monitor the level of fluid in hydraulic tanks.



## RL - RLG - LEN - LEG - LET - LEM - LEU

### Electrical oil level indicators

Electromagnetic float level indicators use the action of a magnet fixed to the float to change the electrical status of a reed switch mounted inside the tube.

As the fluid level in the tank changes, the float moves together with the magnet, connected with the reed switch, that moves the contacts thereby tripping an alarm signal.

Common applications: mobile machines and industrial equipment.

RL, RLG and LEN versions offer variable rod lengths up to 39" (1000 mm).

## LVK

### Electrical and visual oil level indicators

Fully transparent oil level indicator with electrical control in the absence of oil.

Common applications: mobile machines and industrial equipment.

# VARIOUS ACCESSORIES

Tank accessories complete the filter range for hydraulic power packs.



## EM1

### Gauge isolator valves

They are designed to protect pressure gauges from pressure spikes when the pressure reading is not required; after each reading setting the selector to the closed position serves to depressurize the pressure gauge by means of the T fitting connected to the reservoir.

Common applications: industrial equipment.



## SVM

### Gauge isolator valves

They are designed to protect pressure gauges from pressure spikes when the pressure reading is not required; after each reading setting the selector to the closed position serves to depressurize the pressure gauge by means of the T fitting connected to the reservoir. SVM gauge selectors allow pressure values from different system circuits to be read using a single pressure gauge.

Common applications: industrial equipment.

# VARIOUS ACCESSORIES

Tank accessories complete the filter range for hydraulic power packs.



## FTA - FTR

### Fixing flange

Hose brackets with seal. Makes it possible to fix Suction and Return lines on the reservoir cover. Guarantee of tightness and orderly assembly. Common applications: mobile machines and industrial equipment.

## SFT MULTIFIX

### Fixing clamps

Fixing clamps suitable when neat and precise installation of a series of pipelines is required. Steel and plastic versions can be used with both high or low temperature. Applications: mobile and industrial machinery.

## OB

### Tank cleanout and inspection covers

Covers can be supplied with customer logo and accessories such as filler cap or oil level indicators. Material: aluminum.

## SE10LT

### Aluminium 10 liter tanks

Aluminum tanks are ideal for a compact hydraulic power unit.



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