

# TANK ACCESSORIES

## PRODUCT RANGE



PASSION  PERFORM



# TANK ACCESSORIES

Filler and breather filters have a dual function at the tank inlet: 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.

FIXING CLAMPS

FIXING FLANGE

VISUAL OIL LEVEL INDICATOR



**The complete range of MP Filtri tank accessories**

for hydraulic circuits is composed of: 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.



**DESICCANT AIR BREATHER**

**AIR BREATHER & FILLING CAP**

**STRAINER**

**CLEANING COVER**

**ALUMINUM MAGNETIC DRAIN PLUG**

## STRAINERS

Strainers are used as safety filters to protect pumps from gross contamination which can cause them to grip.

### STR & MPA - MPM

#### Suction Strainers

The most comprehensive range of strainers available in the marketplace, threaded connections from 3/8" to 3" BSP/NPT, with varying dimensions and micron ratings. Flow rates up to 875 l/min (231 gpm). Low cost suction strainer in tank mounting with or without relief valve. Available with magnetic column and bypass options.



## 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: pressurised, non-pressurised, threaded connection, welded and flange mounting with screws.



### SAP054 - SAP075 - SA

#### Polyamide air breather filters (SAP054-075)

#### Metal air breather filters (SA)

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

Flow rate up to 2500 l/min, filtration rating 3 and 10 µm.

They are usually directly fitted on the tank.

Common applications: mobile machines and industrial equipment.

Completely metal versions are particularly suitable for the industrial sector. Replaceable filter element.



### SAW115

#### Dessicant air breather filters

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, Storage, Manufacturing and Petrochemical applications.

Protection from moisture and particulate contamination in lubricant and equipment.

### SCS

#### Air breather filters

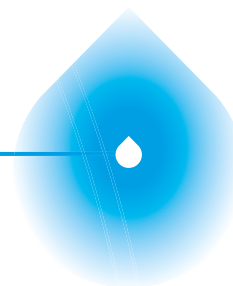
Composed of spin-on type filter elements, with solder or flange connections, flow rate up to 1300 l/min, filtration rating 3 and 10 absolute µm or 10 nominal µm. The use of spin-on type filter elements makes it easier to find spare parts. They are usually directly fitted on the tank. Common applications: mobile machines and industrial equipment.



### SME1 - SMF1 - SML1

**Risers for installation** of the breathers and filler caps in any place 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, avoiding the oil from drop out in case of sudden movement inside of the tank. SMF1 and SLM1 allow operators to mount the filler and vent plug on the tank wall instead of the top when the machine dimensions do not allow it.



### TA46 - TAP50 - SAP50

#### Filling caps and air breathers

Flow rate up to 200 l/min with 3 and 10 µm filter element. Available in small sizes, they are made of steel or polyamide and are usually directly fitted on the tank.

Common applications: compact hydraulic systems. Possibility of mounting a pressurization valve on TAP50 and SAP50 versions.



### TA80

#### Metal oil filler and air breather filler cap

Flow rate up to 550 l/min with 3 and 10 µm filter element. They are usually directly fitted on the tank.

Common applications: mobile machines and industrial equipment. Available features: pressurisation valve and padlock tab.

### TAP90

#### Polyamide oil filler and air breather filler cap

Flow rate up to 550 l/min with 3 and 10 µm filter element. They are usually directly fitted on the tank.

Common applications: mobile machines and industrial equipment. Available features: pressurisation valve, padlock tab and dipstick.



### TAP115 & SAP115

#### Polyamide air breather and filler plugs

Flow rate up to 3000 l/min with 3 and 10 µm filter element. They are usually directly fitted on the tank.

Common applications: mobile machines and industrial equipment. Comes with the options of mounting a clogging indicator, and filter element replacement if needed.

### TAP114

#### Polyamide oil filler and air breather filler cap

Flow rate up to 1600 l/min with 10 µm filter element. They are usually directly fitted on the tank.

Common applications: mobile machines. Flow rate higher than the traditional filling caps. Replaceable filter element.

## FILLER AND DRAIN PLUGS

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



### TKT - TSD - TKM

**Polyamide filler caps (TKT) - Aluminium magnetic drain plugs (TKM)  
Polyamide oil filler and air breather filler caps (TSD)**

They are usually directly fitted on the tank.

Common applications: compact hydraulic systems. Small sizes for mini power packs. Available features: antisplash to avoid fluid coming out through the tank, oil dipstick, air breather. TKM version with integrated magnet allows the retention of ferrous particles present in the fluid.



### TC50

**Polyamide filling caps and air breathers**

They are usually directly fitted on the tank.

Common applications: compact hydraulic systems. Small sizes and available features: oil dipstick, antisplash to avoid fluid coming out through the tank.

## VISUAL OIL LEVEL INDICATORS

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



### LCP - LCC

**Visual oil level indicator - round shape**

Sight gauge for monitoring the fluid level within the tank.

They are directly fitted on the side of the tank.

Common applications: compact hydraulic systems. Small sizes.



### LVA - LVU

**Visual oil level indicator - vertical shape**

LVA range with wheelbase up to 254 mm available in three sizes, to monitor the level of flow in the tank. LVU range with wheelbase up to 2000 mm available in various hole centre lengths.

Possibility to apply a drain valve, to drop the oil. Common applications for both series: mobile machines and industrial equipment.

## ELECTRICAL OIL LEVEL INDICATORS

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



### LVK

**Electric 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.



### LEN - LEG - LET - LEM - LEU

**Electric 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 that, connected with the reed switch, move the contacts thereby tripping an alarm signal. Common applications: mobile machines and industrial equipment.

Wide range of lengths, in particular, flexible LEM version thanks to the possibility of variable lengths for any size up to 1000 mm.

## VARIOUS ACCESSORIES

Tank accessories complete the filter range for hydraulic power packs.



### EM1

**Pressure gauge isolator** designed to protect pressure gauges from pressure shocks when the pressure reading is not required; after each reading setting the selector to the closed position serves to depressurise the pressure gauge by means of the T fitting connected to the reservoir.  
Common applications: industrial equipment.



### SVM

**Gauge selector valve** designed to protect pressure gauges from pressure shocks when the pressure reading is not required; after each reading setting the selector to the closed position serves to depressurise the pressure gauge by means of the T fitting connected to the reservoir. SVM gauge selectors allow pressure values from different parts of the system to be read using a single pressure gauge.  
Common applications: industrial equipment.



### SFT MULTIFIX

**Fixing clamps** suitable when neat and precise installation of a series of pipelines is required. Steel type is preferred to competition ones, plastic type can be used with both high or low temperature.  
Applications: mobile and fixed machinery.



### FTA - FTR

#### Fixing flanges

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.



### SE10LT

**Aluminium tanks** are ideal for a compact hydraulic power unit. Lighter and cheaper than the classic aluminium tank.



### OB

#### Cleaning covers

Common applications: industrial equipment.  
It can be supplied with customer logo and accessories such as filler cap or oil level indicators. Material: aluminium.

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