

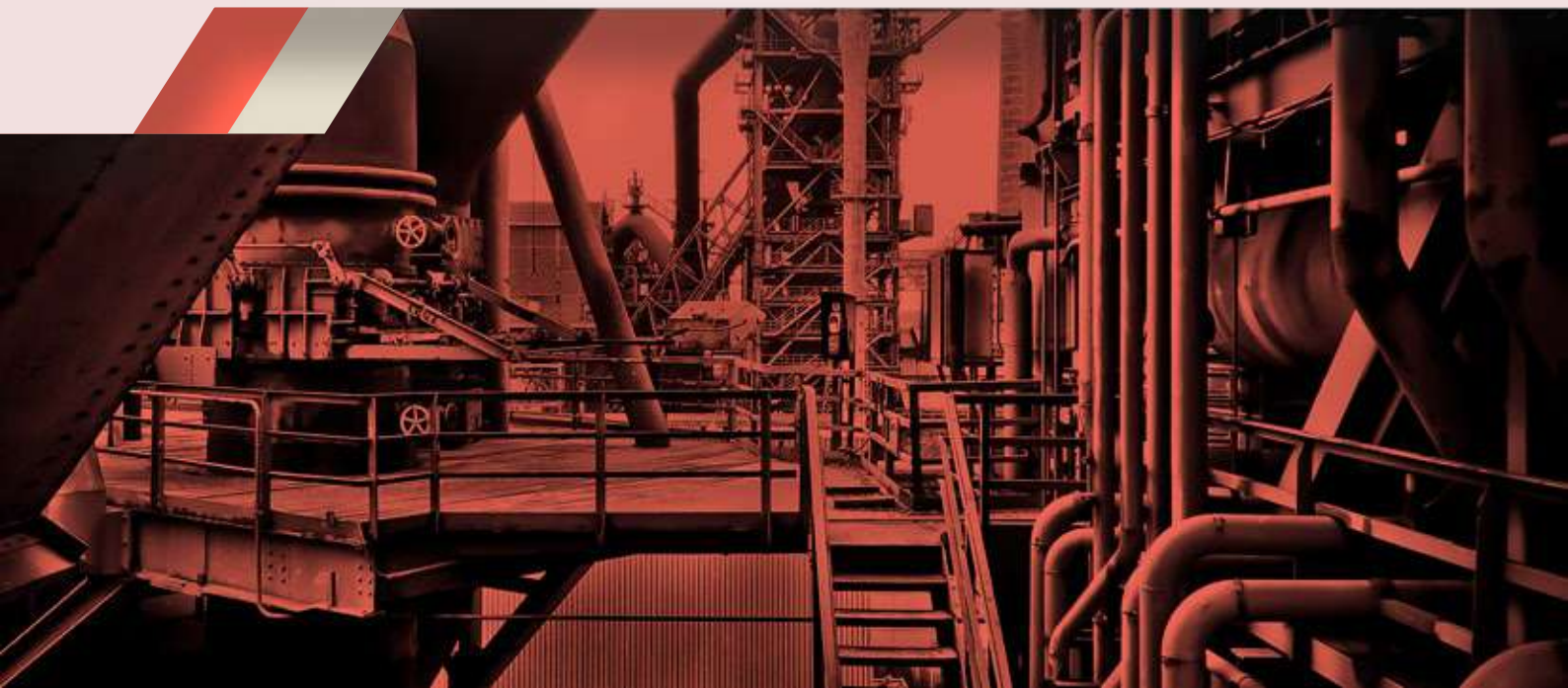


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Trustable for life



Industrial Oil Filtration & Purification Filters



COMPANY PROFILE



The Sgaria

In addition to the best products, we work objectively and efficiently, with integrity and a sense of urgency to generate the best services.

Check out some of the pillars of our company:

Customer Focus: Our customers are the reason for our existence. We are committed to meeting your demands on site and time required;

Safety: We are strict in meeting our standards, valuing the safety of our customers and contributors;

Quality Results: We seek to maximize results by valuing quality in every detail of our operation;

Teamwork: Together we achieve our goals, acting in a shared way will more easily achieve achievements and good results, sharing achievements and results.

Certificates

By bringing together technical force with design and experience, Sgaria has all the documentation necessary to deliver a certified quality product.





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Oil Purifiers

BLYJ Series Portable Oil Purifiers



Application:

- Hydraulic lubrication system refueling and regular maintenance
- Hydraulic lubrication system bypass's filtration

Product Performance:

1. The oil filter cart is an ultra-portable fuel oil filter machine.
2. The machine is easily to carry, can fill oil to any hydraulic lubrication equipment in various circumstances and purify the oil.
3. The coarse filtration of suction port can protect the pump and extend the life of the main filter.
4. The precision filter chosen by different users for different precision, and can achieve the desired results.

Technical Parameters:

| Model | BLYJ-6-*/** | BLYJ-10-*/** | BLYJ-16-*/** |
|---|-------------|-------------------------------------|--------------|
| Rated flow(L/min) | 6 | 10 | 16 |
| Temperature(°C) | | 8-80 | |
| Recommended viscosity (CSt) | | 10-160 | |
| Rated pressure (Mpa) | | 0.4 | |
| The original pressure loss (Mpa) | | ≤0.02 | |
| First filtration precision before pump (μm) | | 40 | |
| Secondary filtration accuracy after pump (μm) | | 3,5,10,20,40 | |
| Voltage (V) | | Three-phase AC380V Two-phase AC220V | |
| Motor Power (kw) | 0.18 | 0.25 | 0.35 |
| Weight (kg) | 13 | 16 | 18 |
| Dimensions(mm) | 350x200x510 | 400x200x510 | 420x200x510 |

Note: * Secondary precision filter accuracy, such as 003 means 3 um

** The applicable media: generally hydraulic oil

BH: water, glycol

V: phosphate ester hydraulic fluids

LYC-A Series Movable Oil Purifiers

Applications

- Purifying new oil
- Filling the new oil and filtrating
- Purifying oil being used.
- The bypass filtration in the hydraulic lubrication system .

Product Performance

1. The oil filter consists of a motor-driven gear pump, dedicating low noise, strong self-absorption capacity, smoothie running characteristics.
2. The high-pressure pipe with overflow protection device, which can effectively protect the safety of hydraulic system.
3. The use of thermal relay protection to prevent motor damage caused by motor overload.
4. The coarse filtration of suction port can protect the pump and extend the life of the main filter.
5. The precision filter chosen by different users for different precision, and can achieve the desired results.
6. Precision oil filtration housing with quick open structure, which can quickly open the cover and replace the filter without any tools.
7. Pressure gauge equipped on the panel, can show the continuous indication of the degree of contamination of the system operating conditions and filter.



Technical Parameters

| Model | LYC-25A-*/** | LYC-32A-*/** | LYC-40A-*/** | LYC-50A-*/** | LYC-63A-*/** | LYC-100A-*/** | LYC-150A-*/** |
|---|-------------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Rated flow(L/min) | 25 | 32 | 40 | 50 | 63 | 100 | 150 |
| Temperature (°C) | 5-80 | | | | | | |
| Recommended viscosity (CSt) | 10-160 | | | | | | |
| Rated pressure (MPa) | 0.6 | | | | | | |
| The original pressure loss (MPa) | ≤0.01 | | | | | | |
| First filtration precision before pump (μm) | 100 | | | | | | |
| Secondary filtration accuracy after pump (μm) | 3,5,10,20,40 | | | | | | |
| Voltage (V) | Three-phase AC380V Two-phase AC220V | | | | | | |
| Motor Power(kw) | 0.55 | 0.75 | 1.1 | 1.1 | 1.5 | 2.2 | 3.0 |
| Weight (kg) | 35 | 64 | 75 | 80 | 85 | 100 | 135 |
| Dimensions (mm) | 430X350X950 | 430X350X950 | 720X680X1020 | 720X680X1020 | 720X680X1020 | 720X750X1020 | 720X750X1220 |

Note: * Secondary precision filter accuracy, such as 003 means 3 um

** The applicable media: generally hydraulic oil

BH: water, glycol

V: phosphate ester hydraulic fluids

LYC-B Series High-precision Oil Purifiers

Applications

- New oil filtration
- Filling the new oil and purifying
- Cleaning up the oil being used
- Bypass filtration when hydraulic lubrication system at work
- Removing the water from oil system

Product Performance

1. The machine consists of a motor-driven gear pump, dedicating low noise, strong self-absorption capacity, and smooth running characteristics.
2. The high-pressure pipe with overflow protection devices, which can effectively protect the safety of the hydraulic system.
3. The use of thermal relay protection to prevent motor damage caused by motor overload.
4. Coarse filtration of suction port can protect the pump and extend the life of the main filter.
5. After the pump has two precision filters, so the oil can quickly reach high cleanliness.
6. First precision filter can filter out the larger particles of impurities, and secondary precision filter can filter out smaller particles or moisture.
7. The precision filter chosen by different users for different precision, can provide better protection for the system.
8. Precision oil filtration housing with quick open structure, which can quickly open the cover and replace the filter without any tools.
9. Pressure gauge equipped on the panel, can show the continuous indication of the degree of contamination of the system operating conditions and filter.



Technical Parameters

| Model | LYC-25B-*/** | LYC-32B-*/** | LYC-40B-*/** | LYC-50B-*/** | LYC-63B-*/** | LYC-100B-*/** | LYC-150B-*/** |
|---|-------------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Rated flow(L/min) | 25 | 32 | 40 | 50 | 63 | 100 | 150 |
| Temperature (°C) | 5-80 | | | | | | |
| Recommended viscosity(CSt) | 10-160 | | | | | | |
| Rated pressure(MPa) | 0.6 | | | | | | |
| The original pressure loss(MPa) | ≤0.01 | | | | | | |
| First coarse filtration accuracy(μm) | 100 | | | | | | |
| Secondary precision filtration accuracy(μm) | 10,20,40 | | | | | | |
| Third precision filtration accuracy(μm) | 3.5,10,20,40 | | | | | | |
| Voltage(V) | Three-phase AC380V Two-phase AC220V | | | | | | |
| Motor Power(kw) | 0.55 | 0.75 | 1.1 | 1.1 | 1.5 | 2.2 | 3.0 |
| Weight(kg) | 46 | 78 | 90 | 96 | 102 | 120 | 160 |
| Dimensions(mm) | 520x350x950 | 520x350x950 | 720X680X1020 | 720X680X1020 | 720X680X1020 | 720X750X1020 | 720X750X1220 |

Note: * Secondary precision filter accuracy, such as 003 means 3 μm

** The applicable media: generally hydraulic oil

BH: water, glycol

V: phosphate ester hydraulic fluids

LYC-C Series Box-type Movable Oil Purifiers

Applications

- Fuel filtration of when filling to the hydraulic lubrication system
- Bypass filtration when hydraulic lubrication system at work
- Loop filtration before the hydraulic lubrication system into operation.
- Access hydraulic lubrication system, comprehensively improve the cleanliness of the system

Product Performance

1. This machine adopts refined shell covered all the components to protect equipment from outside contamination, particularly adapted to the use of special environmental requirements of the occasion.
2. The machine consists of a motor-driven gear pump, dedicating low noise, strong self-absorption capacity, and smooth running characteristics.
3. The high-pressure pipe with overflow protection devices, which can effectively protect the safety of the hydraulic system.
4. The use of thermal relay protection to prevent motor damage caused by motor overload.
5. Coarse filtration of suction port can protect the pump and extend the life of the main filter.
6. After the pump has two precision filters, so the oil can quickly reach high cleanliness.
7. First precision filter can filter out the larger particles of impurities, and secondary precision filter can filter out smaller particles or moisture.
8. The precision filter chosen by different users for different precision, can provide better protection for the system.
9. Precision oil filtration housing with quick open structure, which can quickly open the cover and replace the filter without any tools.
10. Pressure gauge equipped on the panel, can show the continuous indication of the degree of contamination of the system operating conditions and filter.



Technical Parameters

| Model | LYC-32C-*/** | LYC-40C-*/** | LYC-50C-*/** | LYC-63C-*/** | LYC-100C-*/** |
|--|-------------------------------------|--------------|--------------|--------------|---------------|
| Rated flow (L/min) | 32 | 40 | 50 | 63 | 100 |
| Temperature (°C) | 5-80 | | | | |
| Recommended viscosity (CSt) | 10-160 | | | | |
| Rated pressure (Mpa) | 0.6 | | | | |
| The original pressure loss (Mpa) | ≤0.01 | | | | |
| First coarse filtration accuracy (μm) | 100 | | | | |
| Secondary precision filtration accuracy (μm) | 10,20,40 | | | | |
| Secondary precision filtration accuracy (μm) | 3.5,10,20 | | | | |
| Voltage (V) | Three-phase AC380V Two-phase AC220V | | | | |
| Motor Power (kw) | 0.75 | 1.1 | 1.1 | 1.5 | 2.2 |
| Weight (kg) | 135 | 145 | 150 | 156 | 182 |
| Dimensions (mm) | 950×560×900 | 950×560×900 | 950×560×900 | 950×560×900 | 1100×660×1000 |

Note: * Secondary precision filter accuracy, such as 003 means 3 μm

** The applicable media: generally hydraulic oil

BH: water, glycol

V: phosphate ester hydraulic fluids

LUC Series Fine Oil Purifiers

Technical Parameters:

| Model | LUC-16 | LUC-40 | LUC-63 | LUC-100 |
|-----------------------------|-------------------------------------|-------------|-------------|-------------|
| Rated flow(L/min) | 16 | 40 | 63 | 100 |
| Temperature(°C) | 5-80 | | | |
| Recommended viscosity (cSt) | 10-160 | | | |
| Rated pressure(MPa) | 0.6 | | | |
| Pressure loss (MPa) | <0.02 | | | |
| First class micron(μm) | 100 | | | |
| Second class micron(μm) | 3,5,10,20,30 | | | |
| Voltage(V) | Three-phase AC380V Two-phase AC220V | | | |
| Motor Power(kw) | 0.37 | 0.75 | 1.1 | 1.5 |
| Weight(kg) | 60 | 90 | 100 | 110 |
| Dimensions(mm) | 920x470x350 | 930x648x400 | 960x560x400 | 960x560x400 |



LUCA Series Fine Oil Purifiers

Technical Parameters:

| Model | LUCA-16 | LUCA-40 | LUCA-63 | LUCA-100 |
|-----------------------------|-------------------------------------|-------------|-------------|-------------|
| Rated flow(L/min) | 16 | 40 | 63 | 100 |
| Temperature(°C) | 5-80 | | | |
| Recommended viscosity (cSt) | 10-160 | | | |
| Rated pressure(MPa) | 0.6 | | | |
| Pressure loss (MPa) | <0.02 | | | |
| First class micron(μm) | 100 | | | |
| Second class micron(μm) | 80 | | | |
| Third class micron(μm) | 50 | | | |
| Forth micron(μm) | 3,5,10,20,30 | | | |
| Voltage (V) | Three-phase AC380V Two-phase AC220V | | | |
| Motor Power(kw) | 0.37 | 0.75 | 1.1 | 1.5 |
| Weight(kg) | 60 | 90 | 100 | 110 |
| Dimensions(mm) | 920x470x350 | 930x648x400 | 960x560x400 | 960x560x400 |



LUCB Series Fine Oil Purifiers

Technical Parameters:

| Model | LUCB-16 | LUCB-40 | LUCB-63 | LUCB-100 |
|-----------------------------|-------------------------------------|---------------|---------------|---------------|
| Rated flow (L/min) | 16 | 40 | 63 | 100 |
| Temperature (°C) | 5-80 | | | |
| Recommended viscosity (CSt) | 10-160 | | | |
| Rated pressure (MPa) | 0.6 | | | |
| Pressure loss (MPa) | <0.02 | | | |
| First class micron(μm) | 100 | | | |
| Second class micron(μm) | 3,5,10,20,30 | | | |
| Voltage (V) | Three-phase AC380V Two-phase AC220V | | | |
| Motor Power (kw) | 0.37 | 0.75 | 1.1 | 1.5 |
| Weight (kg) | 60 | 90 | 100 | 110 |
| Dimensions (mm) | 800x1440x1475 | 800x1440x1475 | 800x1440x1475 | 800x1440x1475 |

Patent No. : ZL201520487320.4



LUCD Series Fine Oil Purifiers

Technical Parameters:

| Model | LUCD-40 | LUCD-63 | LUCD-100 |
|-----------------------------|-------------------------------------|-------------|-------------|
| Rated flow(L/min) | 40 | 63 | 100 |
| Temperature (°C) | 5-80 | | |
| Recommended viscosity (CSt) | 10-160 | | |
| Rated pressure (MPa) | 0.6 | | |
| Pressure loss (MPa) | <0.02 | | |
| First class micron(μm) | 100 | | |
| Forth micron(μm) | 3,5,10,20,30 | | |
| Voltage(V) | Three-phase AC380V Two-phase AC220V | | |
| Motor Power(kw) | 1.1 | 1.5 | 2.2 |
| Weight (kg) | 120 | 130 | 140 |
| Dimensions (mm) | 430x720x770 | 430x720x770 | 430x720x770 |



FCM Series Equivalent Oil Purifier

Applications

Hydraulic and lubrication systems in different industries (for example, machine tools, plastic injection moulding machines, paper mills, construction machinery, steel industry, marine & offshore, mobile industry)

Advantages

- Prevents costly component damage and system failures
- Reliable and convenient operation
- Increased oil service life
- Reduction in Life Cycle Cost LCC



Technical specifications

| | Vane pump version | Gear pump version |
|--|---|--------------------------------|
| Max. flow rate | FCM 60 = 60 l/min FCM 100 = 100 l/min | |
| Voltage | 230V 50Hz, 380-420V 50Hz, 440V-480V 60Hz | |
| Micron | 3-40µm | |
| Operating pressure | pmax = 6 bar | pmax = 10 bar |
| Viscosity range | 15 ... 400 mm ² /s | 15 ... 1000 mm ² /s |
| Permitted operating fluid | Mineral oil (DIN 51424) | |
| Fluid temperature | -10 ... 80 °C | |
| Ambient temperature | -10 ... 40 °C | |
| Seals, gaskets | NBR | |
| Protection class | IP 55 | |
| Connections/Length of hoses Suction hose Pressure hose | NW 38 (1 1/2) / 2.5 m NW 25 (M 36×2) / 4 m | |
| Weight | 135 kg (FCM 60) | 145 kg (FCM 100) |
| Sizes | 705×610×1245mm | |

FT 5 Series Barrel Transportation and Filtration Trolley Equivalent

Description

The barrel transportation and filtration trolley FT 5 is a mobile oil service unit. It fills/filters hydraulic and lubrication tanks. The unit is designed to carry a standard oil drum (200l). There is also the option to bypass the filter when emptying tanks (Version F).

Applications

Hydraulic and lubrication oil systems in a variety of industries

Advantages

- Convenient offline filtration
- Easy, safe transport of a 200 l standard oil drum
- Easy to operate
- Filling to a defined cleanliness class
- Greater system availability
- Reduction in Life Cycle Cost LCC



Technical specifications

| | |
|--|---|
| Max. flow rate | 30/40 l/min |
| Voltage | 230V 50Hz, 380-420V 50Hz, 440V-480V 60Hz |
| Micron | 3-40 μ m |
| Operating pressure | 4.5 bar max. |
| Viscosity range | 15 ... 800 mm ² /s (version-dependent) |
| Permitted operating fluid | Mineral oil (others on request) |
| Permitted suction pressure at suction port | -0.4 bar to +0.6 bar |
| Fluid temperature | -10 ... 80 °C |
| Ambient temperature | -20 ... 40 °C |
| Seals | NBR |
| Protection class | IP 54 |
| Power cable length | 6 m |
| Hoses length | 3 m |
| Hose connections | Suction hose NW 30 with lance Pressure hose NW 25 with lance |
| Weight | ~ 160 kg |
| Accessories | Pistol grip filling nozzle Flow meter |
| Sizes | 1500×820×860mm |

OF5 Series Oil Purifier Equivalent

Description

The filtration unit OF 5 mobile is designed to fill/filter hydraulic and lubrication tanks and to filter offline. There is also the option (Version F) to bypass the filter when emptying tanks.

Applications

Hydraulic and lubrication oil systems in a variety of industries

Advantages

- Convenient offline filtration
- Simple to operate
- Greater system availability
- Reduction in Life Cycle Cost LCC



Technical specifications

| | |
|--|---|
| Pump type | Vane pump |
| Max. flow rate | 30/40 l/min |
| Voltage | 230V 50Hz, 380-420V 50Hz, 440V-480V 60Hz |
| Micron | 3-40 μ m |
| Operating pressure | 4.5 bar max. |
| Viscosity range | 15 ... 800 mm ² /s (version-dependent) |
| Permitted operating fluid | Mineral oil (others on request) |
| Permitted suction pressure at suction port | -0.4 bar to +0.6 bar |
| Fluid temperature | -10 ... 80 °C |
| Ambient temperature | -20 ... 40 °C |
| Seals | NBR |
| Protection class | IP 54 |
| Power cable length | 10m |
| Hoses length | 3 m |
| Hose connections | Suction hose NW 30 with lance Pressure hose NW 25 with lance |
| Weight | ~ 75 kg |
| Sizes | 900×530×850mm |

OF5 with FCU Series Oil Purifier Equivalent

Description

The filtration unit OF 5 mobile is designed to fill/filter and empty hydraulic and lubrication tanks, and to filter offline. The built-in FluidControl Unit FCU 2000 measures the particle contamination and monitors the oil cleanliness.

Applications

Hydraulic and lubrication oil systems in a variety of industries

Advantages

- Convenient offline filtration
- Simultaneous monitoring of the particle contamination
- Simple to operate
- Greater system availability
- Reduction in Life Cycle Cost LCC



Technical specifications

| | |
|--|---|
| Pump type | Vane pump |
| Max. flow rate | 40 l/min |
| Voltage | 230V 50Hz, 380-420V 50Hz, 440V-480V 60Hz |
| Micron | 3-40 μ m |
| Operating pressure | 4.5 bar max. |
| Viscosity range | 15 ... 300 mm ² /s (version-dependent) |
| Permitted operating fluid | Mineral oil (others on request) |
| Permitted suction pressure at suction port | -0.4 bar to +0.6 bar |
| Fluid temperature | -10 ... 70 °C |
| Ambient temperature | -20 ... 40 °C |
| Seals | NBR (Option: FPM) |
| Protection class | IP 54 |
| Power cable length | 10m |
| Hoses length | 3 m |
| Hose connections | Suction hose NW 30 with lance Pressure hose NW 25 with lance |
| Weight | ≈ 92 kg |
| Sizes | 910×630×980mm |

OFU Series Oil Purifier Equivalent

Description

The Filter Pump Transfer Unit OFU is a mobile oil service unit and is used to filter oil when filling systems and when transferring hydraulic and lubricating fluids.

Applications

Hydraulic and lubrication oil systems in a variety of industries

Advantages

- Convenient offline filtration
- Easy operation
- Greater system availability
- Reduction in Life Cycle Cost LCC

Technical specifications

| | |
|--|--|
| Pump type | Gear pump |
| Max. flow rate | 100 l/min |
| Voltage | 230V 50Hz, 380-420V 50Hz, 440V-480V 60Hz |
| Micron | 3-40 μ m |
| Operating pressure | 10 bar max. |
| Viscosity range | 15 ... 1000 mm ² /s (version-dependent) |
| Permitted operating fluid | Mineral oil (others on request) |
| Permitted suction pressure at suction port | -0.4 bar to +0.6 bar |
| Fluid temperature | -10 ... 80 °C |
| Ambient temperature | -20 ... 40 °C |
| Seals | NBR (Option: FPM) |
| Protection class | IP 54 |
| Power cable length | 10m |
| Suction hoses | 2.5 m |
| Pressure hose | 4m |
| Hose connections | Suction hose NW 30 with lance; Pressure hose NW 25 with lance |
| Weight | ≈ 130 kg |
| Sizes | 950×630×800/1240mm |



PFC Series Oil Purifier



Description

PFC series high efficiency oil purifier adopts new environmentally friendly filter elements, it can be used for a variety of liquid media's efficient filtration of solid particles in a variety of occasions.

Features

- Lock pressure differential alarm. Prevent false alarms during cold start.
- The filter has a bypass valve to avoid system interruption.
- Motor phase loss phase protection.
- The acousto-optic pressure difference alarm prompts the replacement of the filter element.
- Suction port strainer protects the oil pump.
- The port diffuser prevents air from entering the tank.
- The universal wheel makes the movement more flexible and convenient.
- Increase the oil pan and tubing fixtures to reduce environmental pollution.
- The oil pump has an overflow valve.

Technical specifications

| Model | PFC 8924-25 | PFC 8314-50 | PFC 8314-100 | PFC 8314U-100 | PFC 8314-150 | PFC 8300-50-YV | PFC 8300-100-YV | PFC 8314-400 |
|---------------|--|-------------|--------------|---------------|----------------|----------------|-----------------|----------------|
| Pressure | 1.0Mpa | | | | | | | |
| Motor power | 0.75Kw | 1.5Kw | 3Kw | 3Kw | 4Kw | 2.2Kw | 4Kw | 15Kw |
| Power supply | 380V X 3phase / 50Hz | | | | | | | |
| Flow | 25L/min | 50L/min | 100L/min | 100L/min | 150L/min | 50L/min | 100L/min | 400L/min |
| Micron | $\beta_x=1000$ (x=2.5, 5, 7, 12, 22 μ m) / old standard $\beta_x \geq 200$ (x=1, 3, 6, 12, 25 μ m) | | | | | | | |
| Working temp. | 0~80°C | | | | | | | |
| Media | Mineral oil, water glycol, phosphate anti-flammable liquid, etc. | | | | | | | |
| Viscosity | ≤ 100 cSt | | | | ≤ 700 cSt | | | ≤ 260 cSt |
| Size (mm) | 600×550×860 | 700×650×900 | 800×650×1400 | 700×650×950 | 800×650×1400 | 700×650×900 | 1000×810×1610 | 1720×1620×1740 |
| Weight (Kg) | 65 | 115 | 160 | 115 | 165 | 115 | 192 | 650 |

GLYC Series High Viscosity Oil Purifiers

Applications

- Filtration of high viscosity oil
- The filling of high viscosity oil
- The bypass filtration when high viscosity oil system at work

Product Performance

1. The oil filter machine used special high-viscosity oil pump, having advantages of transmission fluid smooth, pulseless, low noise, small vibration and strong self-absorption capacity.

2. Can filter a variety of corrosive media, particularly suitable for filling and purifying the high viscosity oil.

3. Optional heating function, when the temperature is too low or the oil viscosity is too large, you can start the heater for heating oil, the maximum temperature is up to 120 °C.

4. The pipe with overflow protection devices, which can effectively protect the safety of the hydraulic system.

5. The use of thermal relay protection to prevent motor damage caused by motor overload.

6. The coarse filtration of suction port can protect the pump and extend the life of the main filter.

7. The precision filter chosen by different users for different precision, and can achieve the desired results.

8. Precision oil filtration housing with quick open structure, which can quickly open the cover and replace the filter without any tools.

9. Pressure gauge equipped on the panel, can show the continuous indication of the degree of contamination of the system operating conditions and filter.



Technical Parameters

| Model | LYC-25B-*/** | LYC-40B-*/** | LYC-50B-*/** | LYC-63B-*/** | LYC-100B-*/** | LYC-160B-*/** |
|---------------------------------------|-------------------------------------|--------------|---------------|---------------|---------------|---------------|
| Rated flow(L/min) | 25 | 40 | 50 | 63 | 100 | 160 |
| Temperature(°C) | 5-100 | | | | | |
| Recommended viscosity(CSt) | 10-760 | | | | | |
| Rated pressure(MPa) | 1.0 | | | | | |
| The original pressure loss(MPa) | ≤0.2 | | | | | |
| First class filtration micron(μm) | 100 | | | | | |
| Secondary class filtration micron(μm) | 10,20,30 | | | | | |
| Third class filtration micron(μm) | 3,5,10,20,40 | | | | | |
| Voltage(V) | Three-phase AC380V Two-phase AC220V | | | | | |
| Motor Power(kw) | 1.1 | 1.2 | 3.0 | 3.0 | 4.0 | 5.5 |
| Weight(kg) | 180 | 232 | 240 | 285 | 400 | 540 |
| Dimensions(mm) | 1080x600x980 | 1200x600x980 | 1500x740x1020 | 1500x740x1020 | 1500x740x1020 | 1500x740x1020 |

Note: * Secondary precision filter accuracy, such as 003 means 3 um

** The applicable media, The range of 10 ~ 3000 CSt

LYC-G Series High Solid Content Oil Purifiers



Applications

- The filtering of high solid content lubricants
- The clarification and filtration of large amount of lubricating
- The regeneration oil filter

Product Performance:

1. The oil filter cart is more suitable for using in the condition of oil pollution and oil higher solids content, especially adapted to the clarification and filtration of waste oil regeneration.
2. The filter is made of a special filter material, a large filter thickness thereof is 10 to 15 times the normal filtering medium, high filtration efficiency, can effectively remove suspended solids, particles and rust in the liquid. It is empty path with a gradient structure, the filter pore size outside big but inner is small, with excellent depth filtration.
3. The scientific design, compact structure, which can withstand high pressure filtration.
4. Unique deep mesh structure has a very high dirt holding capacity.
5. The filter has stable part and chemical properties, and the medium has good compatibility.

Technical Parameters

| Model | LYC-32G-*/** | LYC-50G-*/** | LYC-100G-*/** | LYC-150G-*/** | LYC-200G-*/** |
|-----------------------------|-------------------------------------|---------------|---------------|---------------|---------------|
| Rated flow (L/min) | 32 | 50 | 100 | | 200 |
| Temperature (°C) | 5-80 | | | | |
| Recommended viscosity (cSt) | 10-160 | | | | |
| Rated pressure (MPa) | 0.6 | | | | |
| Pressure loss (MPa) | ≤0.1 | | | | |
| First class micron(μm) | 180,120,80 | | | | |
| Secondary class micron(μm) | 5,10,20 | | | | |
| Third class micron(μm) | 3 | | | | |
| Voltage (V) | Three-phase AC380V Two-phase AC220V | | | | |
| Motor Power (kw) | 0.75 | 1.1 | 2.2 | 3.0 | 5.5 |
| Weight (kg) | 220 | 280 | 360 | 480 | 600 |
| Dimensions mm | 900x600x1080 | 1000x600x1080 | 1200x880x1520 | 1200x880x1520 | 1350x900x1870 |

Note: * Secondary precision filter accuracy, such as 003 means 3 um

** The applicable media: generally hydraulic oil

LYC-J Series Coalescence Dehydrated Oil Purifiers

Patent No. : ZL201620198408.9



Applications

- The purifying of turbine oil and transformer oil
- The water and dust purifying of hydraulic oil lubrication system
- Access hydraulic lubrication system comprehensively improve the cleanliness of the system

Technical Principles

Different liquids have different surface tension, while the liquid flows through the orifice, the smaller the surface tension, the faster the rate adopted.

When different mixing liquid into the separator, first enter the coalescing filter, coalescence filter having a multi-layer filter media, pore size is incremented step by step. Due to differences in surface tension, oil quickly pass filter layer, and the water was more slowly; and because coalescence filter uses a hydrophilic material, small particles of water is adsorbed on the surface of the filter layer resulting in coalescence of water droplets. Effect by the kinetic energy, the droplets through the opening race, gradually merged into large droplets and oil separation with the sedimentation under gravity, through the oil after the coalescence filter, still smaller size droplets forward to the separation filter at the inertia. Separation filter by specific hydrophobic material in the oil through the separation filter, water droplets are kept outside the separation filter, and oil through the separation filter, and discharged from the outlet.

Technical Parameters

| Model | LYC-25J-*/** | LYC-50J-*/** | LYC-100J-*/** | LYC-150J-*/** | LYC-200J-*/** | LYC-2400J-*/** |
|--------------------------------------|--------------------|---------------|---------------|----------------|----------------|----------------|
| Rated flow (L/min) | 25 | 50 | 100 | 150 | 200 | 400 |
| Temperature (°C) | 25-80 | | | | | |
| Recommended viscosity (CSt) | 10-120 | | | | | |
| Rated pressure (Mpa) | 0.6 | | | | | |
| The original pressure loss (Mpa) | ≤0.1 | | | | | |
| Filtration precision before pump(μm) | 100 | | | | | |
| First filtration precision(μm) | 10,20,40 | | | | | |
| Secondary filtration precision(μm) | 3,5,10 | | | | | |
| Voltage(V) | Three-phase AC380V | | | | | |
| Motor Power(Kw) | 0.75 | 1.1 | 2.2 | 4 | 5.5 | 13 |
| Weight (Kg) | 150 | 200 | 300 | 520 | 860 | 2860 |
| Dimensions(mm) | 1200x820x1250 | 1350x820x1400 | 1740x980x1450 | 1800x1000x1540 | 1840x1050x1780 | 3180x1600x2000 |

Note: * Secondary precision filter accuracy, such as 003 means 3 μm

** The applicable media: generally hydraulic oil

BH: water, ethylene glycol V: phosphate ester hydraulic fluid

*** When the medium viscosity fluid temperature is too high or low, needed to increase the heating device

ZLYC Series Efficient Vacuum Oil Purifiers

Applications

- Oil purifier of turbine oil and transformer
- In addition to water, hydraulic and lubricating oil filter impurities
- Comprehensively improve the cleanliness of hydraulic lubrication system
- Various types of oil regeneration purifier

Product Performance

1. Vacuum System:

By vacuum tank, vacuum pumps, condensate tanks, fluid tanks, air-filling system.

Optimized structure design, greatly increasing the surface area of the oil in the vacuum system, and maximizing oil travel in a vacuum system. The oil in the water and gas are fully overflowed. This machine adopts advanced defaming system so oil filter at work will not appear similar products widespread phenomenon of injection.

2. Filtration system:

Using three filter, coarse filter inlet to protect the pump and extend the life of the main filter. After the pump has two fine filter, so the oil quickly reach high cleanliness. Using special gradient filter pore glass fiber material that can be layered filter particles of different size, which greatly improved the life of the filter. The filter has a perfect structure, which can effectively reduce the surface velocity filter, access to stable filtration accuracy.

3. Heating system:

Segmented gradual heating surface heat load is small $1.0W / cm^2$, the oil does not overheat causing deterioration. Oil temperature can be adjusted at $0 \sim 100 \text{ }^\circ\text{C}$, automatic control, and a protective device, the amount of oil is too low today automatically stop working, to avoid damage caused by dry heater.

4. Automatic control system:

The machine uses the frequency, level transmitters, temperature sensors, vacuum degree sensing instrument, such as a series of automatic control instruments of various information acquisition device run by the central processor for processing, automatic control of the whole equipment run and monitor the operational status of equipment. The unit comes with a variety of protective devices (overload, overvoltage protection, phase sequence protection, abnormal operation shutdown protection) to ensure safe operation of equipment.

5. The whole structure:

Machine integration bridge structure, reducing the volume. Holistic removable tank, ensure that the ground without oil operations, reduce environmental pollution. There are mobile, fixed, fully enclosed, vehicle type, and so many models to choose from.



Technical Parameters:

| Model | ZLYC-25-*/** | ZLYC-32-*/** | ZLYC-50-*/** | ZLYC-100-*/** | ZLYC-150-*/** | ZLYC-200-*/** |
|--------------------------------------|--------------------------|---------------|----------------|----------------|----------------|----------------|
| Rated flow(L/min) | 25 | 32 | 50 | 100 | 150 | 200 |
| Rated pressure (Mpa) | 0.6 | | | | | |
| Rated vacuum | ≤ -0.095 | | | | | |
| Filtered water content (ppm) | 5-30 | | | | | |
| Filtered air content | $\leq 0.2\%$ | | | | | |
| First class micron(μm) | 100 | | | | | |
| Second class micron(μm) | 10,20 | | | | | |
| Third class micron(μm) | 3.5 | | | | | |
| Voltage (V) | Three-phase AC380V, 50Hz | | | | | |
| Motor Power (kw) | 18 | 26 | 36 | 65 | 65 | 135 |
| Weight(kg) | 360 | 470 | 680 | 840 | 960 | 1500 |
| Dimensions (mm) | 1250x920x1600 | 1350x980x1400 | 1500x1060x1800 | 1600x1080x2100 | 1800x1200x2200 | 2000x1200x2200 |

Note: * Secondary precision filter accuracy, such as 003 means $3 \mu\text{m}$

** The applicable media: generally hydraulic oil

BH: water, ethylene glycol V: phosphate ester hydraulic fluid

*** When the medium viscosity fluid temperature is too high or low, the need to increase the heating device

Filter Assemblies



Pall 8300/04/10/14 Series Filter Assemblies Equivalent
 Flows to 300 gpm (1135 L/min)
 Pressures to 400 psi (28 bar)
 Port sizes: 1-1/2", 2 and 2-1/2"
 With Dual Manifold:
 Flows to 600 gpm (2270 L/min)
 Port Size: 3"



Up319 Series High Pressure Filters Equivalent
 Flows to 600 L/min (160 US gpm)
 Pressures to 250 bar (3625 psid)
 Port size 1 1/4", 1 1/2" and 2"
 Patented Ultipleat (laid-over pleat) filter medium pack
 Coreless, cageless element configuration
 Pall Stress-Resistant Technology (SRT) Media
 In-to-out filter element flow path



Pall UH319 Series Filters Equivalent
 In-to-out filter element flow path
 Flows to 600 L/min (160 US gpm)
 Pressures to 420 bar (6100 psi)
 Ports, 1 1/2" top and side manifold mount
 Coreless, cageless element configuration



Hydac RFD Series Duplex Return Oil Filter Equivalent
 Nominal pressure: 260 bar
 Bypass cracking pressure : 25 bar
 Temperature: -10 °C to +100 °C
 Connection: Flange
 Flow rate : 1300L/min



Hydac RFLD Series Change-Over Inline Filter Equivalent
 Nominal pressure: 16 bar
 Temperature range: -10 °C to +100 °C
 Connection: DN 40-DN 300
 Flow rate: 15000 l/min



Hydac DF Series Pressure Filter Equivalent
 Nominal pressure: 260 bar
 Bypass cracking pressure : 6 bar
 Temperature: -10 °C to +100 °C
 Connection:
 Flow rate : 500L/min



TF Tank Mounted Suction Filter Series
 (The original LXZ Series)
 Flow rate: 25-1300L/min
 Precision: 80-180 μ m
 Dia.: 15-90mm
 Connecting: Thread, Flange
 Element Model: TFX Series
 (The original ZX Series)



TFA Series Suction Filter Series
 Flow rate: 25-800L/min
 Precision: 80-180 μ m
 Dia.: 15-90mm
 Connecting: Thread, Flange
 Element Model: TFX Series



ISV Suction Line Filter Series
 Flow rate: 40-1000L/min
 Precision: 80-180 μ m
 Dia.: 20-100mm
 Connecting: Flange
 Element Model: IX Series



WU XU Suction Filter Series
 Flow rate: 16-1000L/min
 Precision: 80-180 μ m
 Dia.: 20-75mm
 Connecting: Thread, Flange



RF Tank Mounted Return Filter Series
 Flow rate: 60-1300L/min
 Pressure: 1MPa
 Precision: 1-30 μ m
 Dia.: 20-100mm
 Connecting: Thread, Flange
 Element Model: LH Series



RFA Tank Mounted Mini-type Return Filter Series
 Flow rate: 25-1000L/min
 Pressure: 1.6MPa
 Precision: 1-30 μ m
 Dia.: 15-90mm
 Connecting: Thread, Flange
 Element Model: FAX Series



RFB Tank Mounted Magnetic Return Filter Series
 Flow rate: 25-1300L/min
 Pressure: 1.6MPa
 Precision: 1-30 μ m
 Dia.: 60-80mm
 Connecting: Flange
 Element Model: FBX Series



Spin Line Filter
 Flow rate: suction: 25-80L/min
 return: 60-320L/min
 Maximum Pressure: 0.7MPa
 Precision: 1-30 μ m
 Connecting: Thread
 Element Model: SP (A, B) X Series



RLF Return Line Filter Series
 Flow rate: 60-1300L/min
 Pressure: 1.6MPa
 Precision: 1-20 μ m
 Dia.: 25-100mm
 Connecting: Flange
 Element Model: SFX Series



RLF Large Flow Rate Return Line Filter Series
 Flow rate: 1300-9100L/min
 Pressure: 1.6MPa
 Precision: 1-30µm
 Dia.: 100-250mm
 Connecting: Flange
 Element Model: SFX-1300*



ZU-H QU-H High Pressure Line Filter Series
 Flow rate: 10-800L/min
 Pressure: 32 MPa
 Precision: 1-30µm
 Dia.: 15-55mm
 Connecting: Thread, Flange
 Element Model: HX, HBX, HDX Series



GU-H Tank Mounted Pressure Line Filter Series
 Flow rate: 10-630L/min
 Pressure: 32 MPa
 Precision: 3-40µm
 Dia.: 15-55mm
 Connecting: Thread, Flange
 Element Model: GX Series



SRFA Duplex Tank Mounted Mini-type Return Filter Series
 Flow rate: 25-1000L/min
 Pressure: 1.6 MPa
 Precision: 1-30µm
 Dia.: 20-90mm
 Connecting: Screw, Flange
 Element Model: SFX Series



SRFB Duplex Tank Mounted Return Filter Series
 Flow rate: 25-1300L/min
 Pressure: 1.6 MPa
 Precision: 1-30µm
 Dia.: 50mm 80mm
 Connecting: Flange
 Element Model: SFBX Serie



SRLF Duplex Return Line Filter Series
 Flow rate: 60-1300L/min
 Pressure: 1.6 MPa
 Precision: 1-30µm
 Dia.: 25-100mm
 Connecting: Flange
 Element Model: SFX Series



SDRLF Duplex Large Flow Rate Return Line Filter Series
 Flow rate: 1300-9100L/min
 Pressure: 1.6 MPa
 Precision: 1-30µm
 Dia.: 100-250mm
 Connecting: Flange
 Element Model: SFX-1300*



ZU-A SQU-A SWU-A SXU-A Duplex Return Line Filter Series
 Flow rate: 25-400L/min
 Pressure: 1.6 MPa
 Precision: 1-30µm 50µm (only SXU-A)
 Dia.: 20-65mm
 Connecting: Flange
 Element Model: STZX2 Series



ZU-A QU-A WU-A XU-A Return Line Filter Series
 Flow rate: 10-630L/min
 Pressure: 1.6 MPa
 Precision: 1-30µm
 Dia.: 10-65mm
 Connecting: Thread, Flange
 Element Model: TZX2 Series

SPL Series Filter Assemblies

Technical Data

Operation Temp.: ≤95°C Operation Pressure: ≤0.8MPa Cleaning Pressure Drop: ≤0.15MPa
 Note: The tested clean oil viscosity is 24Cst, initial pressure drop is not over 0.08MPa.

| P/N. | | Dia. | Flow Rate | Filter Disc Sizes | |
|---------------|---------------|------|-----------|-------------------|----------|
| Duplex Series | Single Series | DN | L/min | ID. (mm) | OD. (mm) |
| SPL-15 | | 15 | 2 | 20 | 40 |
| SPL-25 | DPL-25 | 25 | 5 | 30 | 65 |
| SPL-32 | DPL-32 | 32 | 8 | | |
| SPL-40 | DPL-40 | 40 | 12 | 45 | 90 |
| SPL-50 | DPL-50 | 50 | 20 | 60 | 125 |
| SPL-65 | DPL-65 | 65 | 30 | | |
| SPL-80 | DPL-80 | 80 | 50 | 70 | 155 |
| SPL-100 | DPL-100 | 100 | 80 | | |
| SPL-125 | DPL-125 | 125 | 120 | | |
| SPL-150 | DPL-150 | 150 | 180 | 90 | 175 |
| SPL-200 | DPL-200 | 200 | 320 | | |



Order Information:

1. Installation type: D: Top-hung type C: Offset type X: Underneath type
2. Mesh
3. Filter disc material: Bronze, stainless steel
4. If the filter housing dia. is over DN50, it can use candle filters, plus Z behind the P/N.

Filter Discs



Technical Data:

| No. | Mesh | Mesh Hole Sizes(mm) | Micron (μm) | Wire Mesh (mm) | Weight per unit area (kg/m ²) | | | Screening Area Percentage (%) | Mesh (in.) |
|-----|------|---------------------|-------------|----------------|---|------------|-----------------|-------------------------------|------------|
| | | | | | Brass | Tin bronze | stainless steel | | |
| 1 | 10 | 2.00 | 2000 | 0.400 | 0.933 | 0.949 | 0.841 | 69 | 10.58 |
| 2 | 20 | 1.00 | 1000 | 0.250 | 0.700 | 0.712 | 0.631 | 64 | 20.32 |
| 3 | 40 | 0.450 | 450 | 0.180 | 0.720 | 0.732 | 0.643 | 51 | 40.32 |
| 4 | 60 | 0.280 | 280 | 0.140 | 0.653 | 0.655 | 0.589 | 44 | 60.48 |
| 5 | 80 | 0.200 | 200 | 0.112 | 0.562 | 0.572 | 0.507 | 41 | 81.41 |
| 6 | 118 | 0.125 | 114 | 0.090 | 0.527 | 0.536 | 0.475 | 34 | 118.14 |
| 7 | 158 | 0.090 | 78 | 0.071 | 0.438 | 0.446 | 0.395 | 31 | 157.76 |
| 8 | 200 | 0.071 | 46 | 0.056 | 0.346 | 0.352 | 0.312 | 31 | 200 |
| 9 | 264 | 0.056 | 38 | 0.040 | | 0.237 | 0.210 | 34 | 264.6 |
| 10 | 300 | 0.050 | 34 | 0.032 | | 0.178 | 0.158 | 37 | 309.8 |
| 11 | 363 | 0.040 | 30 | 0.030 | | 0.183 | 0.162 | 32 | 363 |

Oil Filter Elements

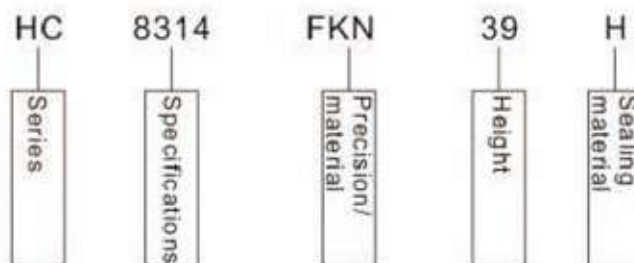
PALL Filter Element Equivalent



Introduction:

Pall filter element is made of new PALL-Ultipor III series filtration parts, for a variety of liquid medium in various of occasions, it can make the solid particles superfine filtration. Usually, it widely used in hydraulic and lubricant system. Lefilter adopts HV and Lydall fiberglass material to manufacture the filters, which can replace the original Pall filters.

Instructions:



Typical model codes:

| | | | |
|-----|------------|-----|------------|
| 1. | HC7400*4H | 14. | HC9600*8Z |
| 2. | HC7404*8Z | 15. | HC9404*13H |
| 3. | HC6200*13H | 16. | HC9400*16H |
| 4. | HC2216*16Z | 17. | HC9100*26H |
| 5. | HC9901*26H | 18. | HC8904*39Z |
| 6. | HC9800*39H | 19. | HC8900*4H |
| 7. | HC9801*26H | 20. | HC8700*8H |
| 8. | HC9700*16H | 21. | HC8400*13Z |
| 9. | HC9650*13Z | 22. | HC8314*26H |
| 10. | HC9604*8H | 23. | HC8300*16Z |
| 11. | HC9601*6Z | 24. | HC8304*39H |
| 12. | UE219*13H | 25. | UE209*4H |
| 13. | UE319*08Z | 26. | UE619*40Z |

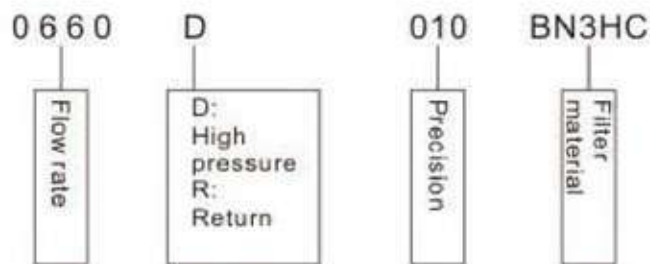
Note: *stands for micron like 001, 003, 006, 012, 025µm.

HYDAC Filter Element Equivalent

Introduction:

HYDAC company is the top on the hydraulic system pollution control. Their products have the characteristic on high pressure collapse resistance, high liquidity, high filtration efficiency. They are widely used in hydraulic and lubricant system to keep the systems operate regularly. Lefilter can produce such filters with same functions to replace HYDAC products.

Instructions:



Typical model codes:

| | | | |
|-----|---------------|-----|--------------|
| 1. | 0060R*BN/HC | 12. | 0165R*BN/HC |
| 2. | 0080MA*BN3HC | 13. | 0180MA*BN3HC |
| 3. | 0080MG*BN4HC | 14. | 0240R*BN/HC |
| 4. | 0085MA*BN/HC | 15. | 0330R*BN4HC |
| 5. | 0090MA*BN3HC | 16. | 0480R*BN/HC |
| 6. | 0095DMA*BN4HC | 17. | 0500R*BN3HC |
| 7. | 0100S*BN/HC | 18. | 0660R*BN4HC |
| 8. | 0110R*W/HC | 19. | 0850R*BN/HC |
| 9. | 0160MA*BN/HC | 20. | 0950R*BN3HC |
| 10. | 0160MG*BN/HC | 21. | 1300R*BN4HC |
| 11. | 0160R*V/HC | 22. | 2600R*BN4HC |

| | | | |
|-----|--------------|-----|--------------|
| 1. | 0030D*BN/HC | 12. | 0160D*BN3HC |
| 2. | 0035D*BN3HC | 13. | 0160DN*BN3HC |
| 3. | 0040D*BN3HC | 14. | 0240D*W/HC |
| 4. | 0055D*BN3HC | 15. | 0250DN*BN3HC |
| 5. | 0060D*BN3HC | 16. | 0280D*BN/HC |
| 6. | 0060D*BN3HC | 17. | 0330D*BN4HC |
| 7. | 0063DN*BN3HC | 18. | 0400DN*BN3HC |
| 8. | 0075D*BN3HC | 19. | 0500D*V3HC |
| 9. | 0095D*BN3HC | 20. | 0630DN*BN3HC |
| 10. | 0100DN*BN3HC | 21. | 0660D*BN4HC |
| 11. | 0140D*BN3HC | 22. | 0990D*BN3HC |

Note: *stands for 001, 003, 005, 010, 020, 025µm.

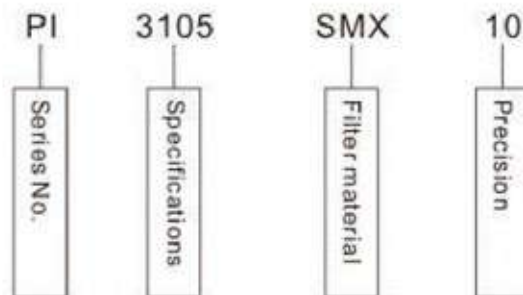
MAHLE Filter Element Equivalent



Introduction:

MAHLE filter element is widely used in hydraulic system to remove the impurities in the oil and reduce the hydraulic parts surface friction then improve the system reliability and keep the hydraulic and lubricant system reliable and high efficiency operation.

Instructions:



Typical model codes:

| | | | |
|-----|----------------|-----|----------------|
| 1. | PI2130SMX3 | 14. | PI2230SMXVST3 |
| 2. | PI2211SMXVST3 | 15. | PI1111MIC10 |
| 3. | PI73040DN | 16. | PI1030MIC25 |
| 4. | PI73010DN | 17. | PI4111SMX25 |
| 5. | PI1005MIC25 | 18. | PI4205SMXVST25 |
| 6. | PI3105SMX10 | 19. | PI8505DRG100 |
| 7. | PI3108SMX1 | 20. | PI2230SMXVST3 |
| 8. | PI4208SMXVST | 21. | PI13100RNMIC10 |
| 9. | PI4130SMX40 | 22. | PI35063RNDRG25 |
| 10. | PI8230DRG25 | 23. | PI5145SMX6 |
| 11. | PI1015MIC25 | 24. | PI8345DRG40 |
| 12. | 852519MIC | 25. | PI37016RNDRG60 |
| 13. | 852070SMX10NBR | 26. | PI8130DRG10 |

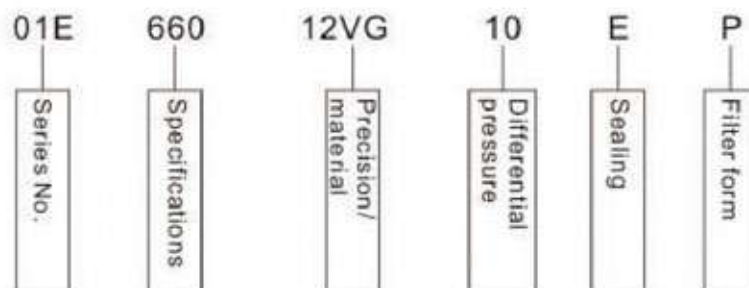
INTERNORMEN Filter Element Equivalent



Introduction:

The INTERNORMEN filter element is widely used in hydraulic and lubricant system to remove the impurities in the oil and keep the systems operate regularly. For different micron, we have coarse filters, normal filters, ultrafilters and fine filters, which can make sure your choice correct.

Instructions:



Typical model codes:

| | | | |
|-----|----------------------|-----|-----------------------|
| 1. | 01.E.30.3VG.HR.E.P | 14. | 01.E.240.50G.HR.E.P |
| 2. | 01.E.30.6VG.30.E.P | 15. | 01.E.240.25VG.10.E.P |
| 3. | 01.E.30.25G.30.E.P | 16. | 01.E.360.6VG.HR.E.P |
| 4. | 01.E.60.3VG.HR.E.P | 17. | 01.E.360.12VG.10.E.P |
| 5. | 01.E.60.12VG.30.E.P | 18. | 01.E.450.6VG.HR.E.P |
| 6. | 01.E.120.25VG.10.E.P | 19. | 01.E.450.80G.10.E.P |
| 7. | 01.E.90.3VG.HR.E.P | 20. | 01.E.660.12VG.10.E.P |
| 8. | 01.E.90.25G.HR.E.P | 21. | 01.E.660.6VG.HR.E.P |
| 9. | 01.E.150.3VG.10.E.P | 22. | 01.E.900.3VG.HR.E.P |
| 10. | 01.E.150.25G.10.E.P | 23. | 01.E.900.25VG.10.E.P |
| 11. | 01.E.170.6VG.HR.E.P | 24. | 01E.1200.25VG.16.S.P |
| 12. | 01.E.170.25G.10.E.P | 25. | 01NL.250.10VG.30EP |
| 13. | 01.E.240.6VG.HR.E.P | 26. | 01,NL.630.25VG.10.E.P |

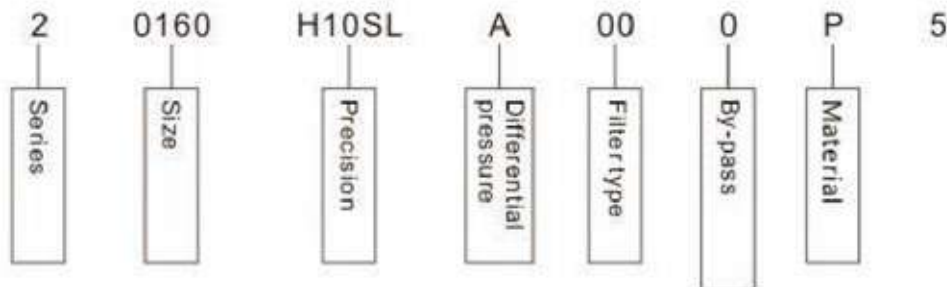
EPE Filter Element Equivalent



Introduction:

EPE filter element is widely used in the hydraulic system, and lubricant system to filter the solid and colloidal particles, and can work effectively to control the media pollution then protect the system working safely and efficiently. Mainly be used in the hydraulic system of rolling mill, continuous cutting machine, or other lubricant machines. Also could be used to the particles separation and recovery in the field of oil refining, chemical products, and the filtration of dust particles in the oil field water injection or natural gas.

Instructions:



Typical Model Codes:

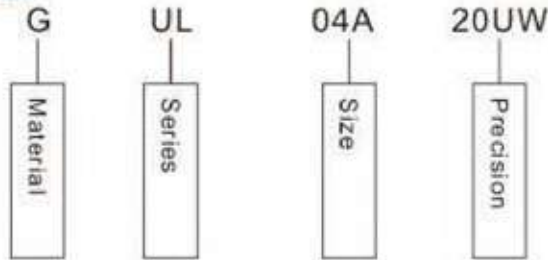
| | | | |
|-----|----------------------|-----|----------------------|
| 1. | 1.0020H10XL-A00-0-P | 14. | 1.1350AS20-A00-0-P |
| 2. | 1.0020 H20XL-A00-0-P | 15. | 1.0600AS3-000-0-P |
| 3. | 1.0030 H10SL-A00-0-P | 16. | 2.0015H10XL-A00-0-P |
| 4. | 1.0045H3B | 17. | 2.0004H10XL-A00-0-V |
| 5. | 1.0045VS5C | 18. | 2.0004P10A00-0-P |
| 6. | 1.0063G25A | 19. | 2.0160H10SL-A00-0-P5 |
| 7. | 1.0145G25A | 20. | 2.0063H10SL-B00-0-P5 |
| 8. | 1.0095H3B | 21. | 2.0160H6SL-B00-0-P5 |
| 9. | 1.0200G25A | 22. | 2.0063H10SL-A00-0P-5 |
| 10. | 1.0630H10SL-B00-0-P | 23. | 2.0020AS10-A00-0-P |
| 11. | 1.0400H3SL-B00-0-P5 | 24. | 2.0400H3SL-B00-0P5 |
| 12. | 1.0540AS10-A00-0-P | 25. | 2.90K3P |
| 13. | 1.0540AS20-000-0-P | 26. | 2.140K3P |

TAISEIKOGYO Filter Element Equivalent

Introduction :

Taiseikogyo filter element is widely used in the hydraulic system to filter the solid and colloidal particles, reduce the hydraulic components surface friction, improve system's reliability, and keep the hydraulic and lubricant system running safely and effectively.

Instructions :



Typical Model Codes:

| | | | |
|-----|----------------|-----|------------------|
| 1. | P-G-UL-10A-20U | 14. | G-UL-08A-100K |
| 2. | G-UL-08A-100K | 15. | G-UL-08A-10M |
| 3. | G-UL-10A-40U | 16. | G-UL-04A-200K |
| 4. | G-UL-12A-100K | 17. | G-UL-04A-20UW |
| 5. | PUH08A10U | 18. | G-UL-10A-6M |
| 6. | F-LN-16-8C | 19. | G-UL-12A-100W |
| 7. | F-MU-10-100UW | 20. | P-G-MVF-08-10UW |
| 8. | F-1SV-20A-200W | 21. | G-352-A08-50UW |
| 9. | F-LND-08-40U | 22. | G-UL-10A-50UW |
| 10. | P351A0360U | 23. | PFSH410UW |
| 11. | P351A0360M | 24. | G-351-A06-150K |
| 12. | PFSH6100W | 25. | G-4201-12-4-20UW |
| 13. | G-UL-10A-150W | 26. | G-352-08-150W |

FILTREC Filter Element Equivalent

Product Introduction :

Filtrec filter element is widely used in the hydraulic system to filter the solid or colloidal particles, and can effectively control the media pollution. The filters replacement made by our company could totally meet the original filters conditions standards.



Typical Model Codes:

| | | | |
|-----|-------------|-----|---------------|
| 1. | AS1090 | 14. | D614G01 |
| 2. | A110C10 | 15. | D520C25A |
| 3. | A140C10 | 16. | D530C25A |
| 4. | A210C10BM | 17. | D614G01 |
| 5. | A160C10 | 18. | DHD330H03B- |
| 6. | C415G03 | 19. | DMD00011B100B |
| 7. | CL4T05ABN | 20. | DMD127B100B |
| 8. | C414G03 | 21. | DVD210A05B |
| 9. | CP2T10SBN | 22. | DVD256A05B |
| 10. | D130C10A | 23. | FS130B5T125- |
| 11. | DHD1320G03B | 24. | FS142B9T125- |
| 12. | D110G25A | 25. | FS170B7T125 |
| 13. | D614G01 | 26. | RHR1300G03B |

ARGO Filter Element Equivalent

Introduction:

Argo filter element is made of high-quality glass fiber, being used in the hydraulic system, and lubricant system to filter the solid and colloidal particles. The filters replacement made by our company could totally meet the original filters conditions standards and work effectively to control the media pollution protecting the system working safely and efficiently.



Typical Model Codes:

| | | | |
|-----|----------|-----|------------|
| 1. | K3091852 | 14. | V3093318 |
| 2. | K3102652 | 15. | S2061310 |
| 3. | P2061301 | 16. | S2071710 |
| 4. | P2061701 | 17. | S2072300 |
| 5. | V2083303 | 18. | S2092000 |
| 6. | V2083308 | 19. | S2092010 |
| 7. | V2092006 | 20. | S2092020 |
| 8. | V2121703 | 21. | W3062308 |
| 9. | V2126003 | 22. | P2.0920-15 |
| 10. | V3083306 | 23. | P2.0923-22 |
| 11. | V3083326 | 24. | P3.0510-00 |
| 12. | V3092308 | 25. | S2.0920-15 |
| 13. | V3093306 | 26. | V3.0720-01 |

MP-FILTRI Filter Element Equivalent

Introduction:

Mp-Filtri filter element is widely used in the hydraulic system to filter the solid and colloidal particles, reduce the hydraulic components surface friction, improve system's reliability, and keep the hydraulic and lubricant system running safely and effectively.



Typical Model Codes:

| | | | |
|-----|----------------|-----|----------------|
| 1. | C2540M250A | 14. | HP0653P10AN |
| 2. | CA800M250 | 15. | HP1351A10HA |
| 3. | CU100A10N | 16. | STR140-5SG2M60 |
| 4. | MF1801A10NB | 17. | HP3204T25VH |
| 5. | HP0652M90NV | 18. | HP0653A10AH |
| 6. | CU350M10N | 19. | CU350A25V |
| 7. | CU350P25N | 20. | STR140-5SG2M90 |
| 8. | HP1352A10VH | 21. | M1A06HA |
| 9. | SF530M25 | 22. | STR140-6SG2M60 |
| 10. | SF520-M60 | 23. | M1A06HV |
| 11. | SF515-M90 | 24. | SF520-M125 |
| 12. | STR140-6SG2M90 | 25. | M1A03HA |
| 13. | C2505M25A | 26. | MF0201M25NV |

PARKER Filter Element Equivalent

Introduction:

Parker can supply the most complete filter strainers, configurations, and also the most comprehensive filters solutions, besides, it could directly replace most of the famous brands filters. Parker filter is widely used in the hydraulic and lubricant system, and work effectively to control the media pollution then protect the system working safely and efficiently.



Typical Model Codes:

| | | | |
|-----|---------|-----|----------------|
| 1. | 936701Q | 14. | FC1091 Q020.DS |
| 2. | 936705Q | 15. | FC1240.Q020.XC |
| 3. | G01954 | 16. | FC7202A025VS |
| 4. | G40264 | 17. | FC1341Q003BS |
| 5. | G40272 | 18. | FC5012Q003BS |
| 6. | 926841Q | 19. | G01370Q |
| 7. | 933213Q | 20. | G01775Q |
| 8. | 9326766 | 21. | G03760Q |
| 9. | 928932 | 22. | PR2754 |
| 10. | 927661 | 23. | PR2834 |
| 11. | 926697Q | 24. | PR2834Q |
| 12. | 926888Q | 25. | PR2855Q |
| 13. | 930118Q | 26. | PR3451Q |

STAUFF Filter Element Equivalent

Introduction:

Stauff filter element is widely used in the hydraulic system to filter the solid and colloidal particles, and can effectively control the media pollution. The filters replacement made by our company could totally meet the original filters conditions standards, which could protect the system working safely and efficiently.



Typical Model Codes:

| | | | |
|-----|------------|-----|--------------|
| 1. | RS090A05B | 14. | SE008B25B |
| 2. | SS014A05A | 15. | NL063B100B |
| 3. | LL0505A05B | 16. | SA020E10B |
| 4. | RP200E03B | 17. | SL003B100B |
| 5. | SE090B100B | 18. | SM181G10B |
| 6. | RL005B25B | 19. | SP020E03B |
| 7. | RP075E03B | 20. | SS004A05B |
| 8. | RS060A05B | 21. | NR100B100B |
| 9. | RE090A03B | 22. | RUMG10B |
| 10. | AD030B40B | 23. | SP024E03B08E |
| 11. | LS008A05B | 24. | RL005B25B |
| 12. | LL160E10B | 25. | RP085E03B |
| 13. | RS014A05B | 26. | RTE10D10B |

HY-PRO Filter Element Equivalent

Introduction:

Hy-Pro filter element is widely used in the hydraulic system to filter the solid or colloidal particles, reduce the hydraulic components surface friction, improve system's reliability, and keep the hydraulic and lubricate system running safely and effectively.



Typical Model Codes:

| | | | |
|-----|------------------|-----|---------------|
| 1. | HP60L16-1MV | 14. | HP60L13-25MV |
| 2. | HPQ210406L16-1MV | 15. | HP60L8-1MB |
| 3. | HP60L4-1MB | 16. | HP60L8-1MV |
| 4. | HPQ210406L4-1ME | 17. | HP60L13-6MB |
| 5. | HPQ210406L4-1MB | 18. | HP60L13-6MV |
| 6. | HP60L4-1MV | 19. | HP60L16-6MB |
| 7. | HPQ210406L4-1MV | 20. | HP60L16-6MV |
| 8. | HP60L8-1MB | 21. | HP60L4-6MB |
| 9. | HPQ210406L8-1MB | 22. | HP60L4-6MV |
| 10. | HPQ210406L8-1ME | 23. | HP170L1012MB |
| 11. | HP60L8-12MV | 24. | HP95RNL1412MB |
| 12. | HP60L13-25MB | 25. | HP250L7100W |
| 13. | HP60L16-25MB | 26. | HP80L1312MB |

VICKERS Filter Element Equivalent

Introduction:

VICKERS filter element is widely used in the hydraulic system to filter the solid and colloidal particles, reduce the hydraulic components surface friction, improve system's reliability, and keep the hydraulic and lubricant system running safely and effectively.



Typical Model Codes:

| | | | |
|-----|------------|-----|---------------|
| 1. | V0411B8L05 | 14. | V6024B1H03 |
| 2. | V0272B2C20 | 15. | V6014B1H03 |
| 3. | OF3-12-10 | 16. | V309B2H05 |
| 4. | H3031VC03 | 17. | V6021B2C05 |
| 5. | 926388 | 18. | VRF2B1C03 |
| 6. | V3031VC03 | 19. | VCF2B1C05 |
| 7. | V3045B1V03 | 20. | W0211B2W03 |
| 8. | V3045V1H05 | 21. | H3035BC05 |
| 9. | V3032BC05 | 22. | H3031BC10 |
| 10. | V3042V2V10 | 23. | H3032BV03 |
| 11. | V30P82C10 | 24. | OD3-12-3RV-10 |
| 12. | V3041V2V10 | 25. | OF3-20-10 |
| 13. | V3042B1C03 | 26. | OFRS60X10M |

Coalescers & Separators

Pall Equivalent



Filtration:

Solid particles are removed from the fluid stream by the filter medium.

Coalescence:

Small droplets are merged into larger ones as they pass through several layers of filter media in the coalescer.

Separation:

Gravity takes effect, the large droplets are separated from the product fluid stream.

Typical P/N.:

| No. | P/N. | No. | P/N. |
|-----|---------------|-----|----------------|
| 1 | CS604LGH13 | 7 | CS604LGBT2H13 |
| 2 | CS604LGBH13 | 8 | CS604LGBT2DH13 |
| 3 | CS604LGDH13 | 9 | CC1LGA7H13 |
| 4 | CS604LGBDH13 | 10 | CC3LG02H13 |
| 5 | CS604LGT2H13 | 11 | CC3LGA7H13 |
| 6 | CS604LGT2DH13 | 12 | CC3LGB7H13 |

*More code numbers and specifications, contact us, please.

PECO Equivalent



Remove particulate and liquid droplets from air/gas streams with the original fiberglass filter separator element. The filter separator which is used to the most sought after device for protecting gas compressors today. The quality and construction of the filter elements used in a filter separator significantly affects compressor performance and operating costs.

Typical P/N.:

| No. | P/N. | No. | P/N. |
|-----|----------|-----|-----------|
| 1 | FG-12 | 18 | PCHG-372 |
| 2 | FG-24 | 19 | PCHG-536 |
| 3 | FG-36 | 20 | PCHG-572 |
| 4 | FG-72 | 21 | CAA11-5 |
| 5 | FG-312 | 22 | CAA14-5 |
| 6 | FG-324 | 23 | CAA14-5SB |
| 7 | FG-336 | 24 | CAA22-5 |
| 8 | FG-372 | 25 | CAA22-5SB |
| 9 | FG-536 | 26 | CAA28-5 |
| 10 | FG-572 | 27 | CAA28-5SB |
| 11 | PCHG-12 | 28 | CAA33-5 |
| 12 | PCHG-24 | 29 | CAA33-5SB |
| 13 | PCHG-36 | 30 | CAA38-5 |
| 14 | PCHG-72 | 31 | CAA38-5SB |
| 15 | PCHG-312 | 32 | CAA43-5 |
| 16 | PCHG-324 | 33 | CAA56-5 |
| 17 | PCHG-336 | 34 | CAA56-5SB |

*More code numbers and specifications, contact us, please.

Parker & Velcon Equivalent



Dissolved water removal from insulating oil is now possible without the need for heat and vacuum oil processing systems. Specifically developed for dehydrating oil to be used in transformers, Parker & Velcon equivalent filter cartridges can help utilities reduce expenses and increase efficiency when processing oil.

Cartridges have a patented construction for removing dirt and water from hydrocarbon and other oils as well as gases. The outer media layer filters out silt, rust and other particulate contaminants. The inner layers absorb water and chemically bond it so that no water will release downstream. When the cartridge reaches its water holding limit, the media swells shut and the differential pressure rapidly increases. This signals the operator that the cartridge must be changed.

Typical P/N.:

| No. | P/N. | No. | P/N. |
|-----|-------------|-----|---------------|
| 1 | 1-614C5 | 14 | AC-71801 |
| 2 | 1-633C5TB | 15 | SD-718 |
| 3 | 1-628S5TV | 16 | SD-807 |
| 4 | 1-656C5TB | 17 | SD-1107 |
| 5 | SO-424V | 18 | SD-1107HT |
| 6 | SO-436V | 19 | SD718 Supadri |
| 7 | FOS-736PLP3 | 20 | AC-7131/2CR |
| 8 | FOS-822PLP3 | 21 | FOS-512PL25 |
| 9 | FOS-829PL05 | 22 | FOS-718PL25 |
| 10 | FOS-618FGA5 | 23 | FOS-618PL05 |
| 11 | AC-718P3 | 24 | FOS-636PL05 |
| 12 | AC-718P4D | 25 | FOS-718PL25 |
| 13 | AC-73601 | 26 | FOS-614PL05 |

*More code numbers and specifications, contact us, please.



/SGARIAGROUP

