



LEFILTER[®]

Stock name: Xinxiang Filter Stock code: 837936

LEFILTER[®]

Integrity Management
Pursue Excellence

TO THE
Purify Environment
Serve Community

WORLD





Company Profile

Xinxiang Lifeierte Filter Corp., Ltd is specialized in manufacturing oil filters, air filters, water filters and hydraulic parts.

Located in Xinxiang, "center of filtration in China." Lefilter integrates with oil filtration, water treatment and air purification to provide the society with more professional service and meet customers' demands. Lifeierte has top-notch R&D team, professional technical team, effective production network and after-sales service system. The philosophy of Lifeierte is "Purify Environment, Serve Community, Integrity Management, Pursue for Excellence".

Lifeierte also established comprehensive cooperative relations with some famous design & research institutions and colleges. The quality of the product has reached the international advanced level.

After fast development, Lifeierte now is a public listed company, stock code: 837936, stock name: Xinxiang Filter. We'll continue to providing best quality and service for you.

Contents

- Equivalent Filter Elements.....01
- Lefilter Filter Housing.....10
- Oil Purifiers.....14
- Compressed Air Filters.....31
- Air Filters.....41
- Water Filters.....51
- Y Type & Basket Filter Housing.....72



7 testing standards are satisfied by the products

- ISO2941... filter elements—the testing for the cracking resistance
- ISO2942... filter elements—the identifying for the structural integrity
- ISO2943... filter elements—the identifying for the compatibility between material and the liquid
- ISO3723... filter elements—the testing method for the end load of filter elements
- ISO3724... filter elements—the identifying for the fatigue properties of the filter elements
- ISO3968... filter elements—the testing for determination of pressure differential/flow characteristics
- ISO4572... filter elements—the testing for the multi-pass method for evaluating filtration performance.

Equivalent Filter Elements

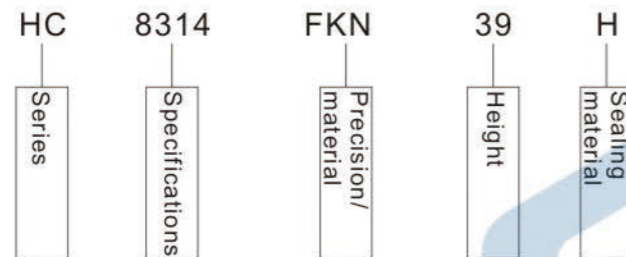
PALL Filter Element Equivalent



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

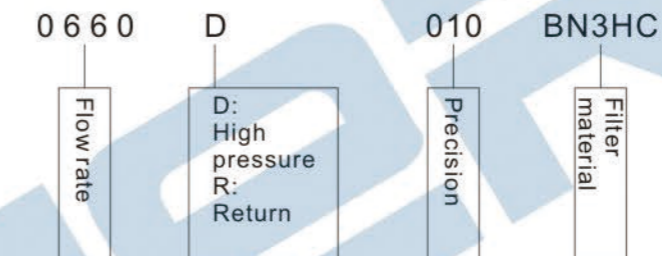
Note: *stands for micron like 001, 003, 006, 012, 025µm.

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*BH4HC
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.

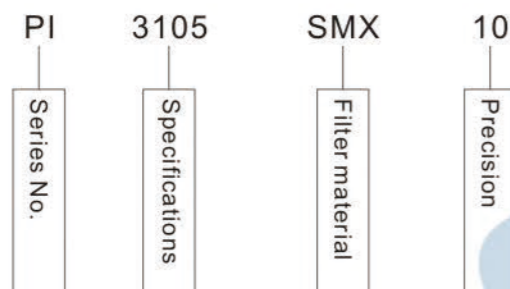
MAHLE Filter Element Equivalent



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

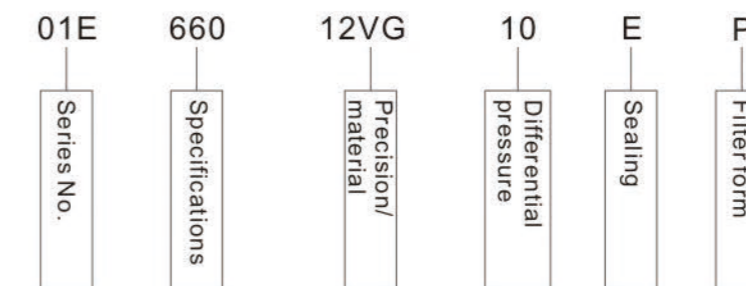
INTERNORMEN Filter Element Equivalent



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

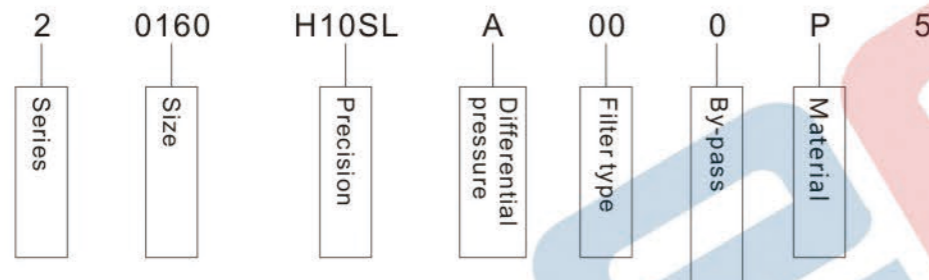
EPE Filter Element Equivalent



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:

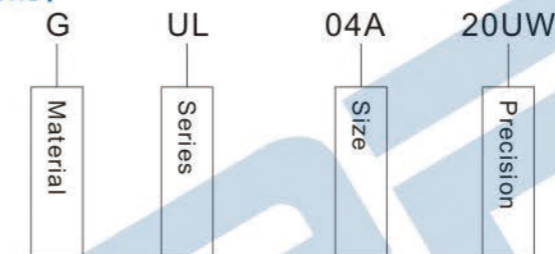
1.	1.0020H10XL-A00-0-P	14.	1.1350AS20-A00-0-P
2.	1.0020 H20XL-A00-0-P	15.	1.0600AS3-000-0-P
3.	1.0030 H10SL-A00-0-P	16.	2.0015H10XL-A00-0-P
4.	1.0045H3B	17.	2.0004H10XL-A00-0-V
5.	1.0045VS5C	18.	2.0004P10A00-0-P
6.	1.0063G25A	19.	2.0160H10SL-A00-0-P5
7.	1.0145G25A	20.	2.0063H10SL-B00-0-P5
8.	1.0095H3B	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-ISV-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

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.



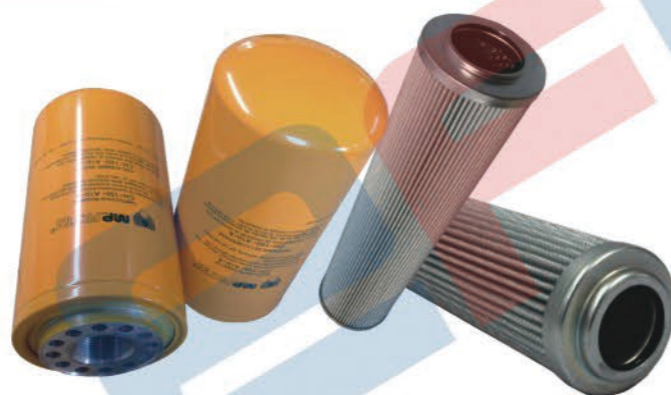
Typical Model Codes:

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.	GO3760Q
9.	928932	22.	PR2754
10.	927661	23.	PR2834
11.	926697Q	24.	PR2834Q
12.	926888Q	25.	PR2855Q
13.	930118Q	26.	PR3451Q

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

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.	SP024E03B0BE
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.



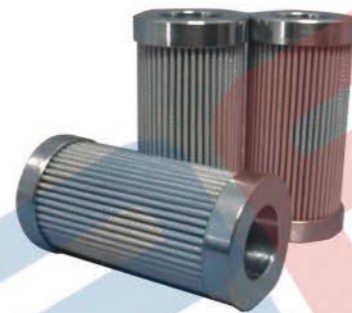
Typical Model Codes:

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.



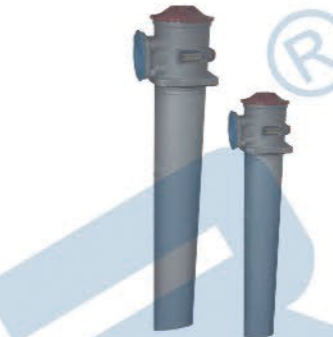
Typical Model Codes:

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.	V30PB2C10	24.	OD3-12-3RV-10
12.	V3041V2V10	25.	OF3-20-10
13.	V3042B1C03	26.	OFRS60X10M

Lefilter Filter Housing



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



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



Tank Mounted Magnetic Suction Filter
---CFF, CFFA, ZL12-122 Series
Flow rate: 120-630L/min
Precision: 80-180µm
Dia.: 25-100mm
Connecting: Thread (ZL12-122 Series),
Flange (CFF Series, CFFA Series)
Element Model: FFAX Series, FX Series,
ZL12 (B) Series



XNJ Tank Mounted Suction Filter Series
Flow rate: 25-1000L/min
Precision: 80-180µm
Dia.: 20-90mm
Connecting: Flange
Element Model: JX Series



NJU Tank Mounted Suction Filter Series
Flow rate: 25-800L/min
Precision: 80-180µm
Dia.: 15-90mm
Connecting: Thread, Flange
Element Model: UX Series



XU-B Line Gap Filter Series
Flow rate: 16-200L/min
Precision: 50-100µm
Dia.: 15-40mm
Connecting: Screw



WF Suction Filter Series
Filtering area: 282-4320cm²
Precision: 80-180µm
Connecting: Screw



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



RF Tank Mounted Return Filter Series
Flow rate: 60-1300L/min
Pressure: 1MPa
Precision: 1-30µm
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: 1-30µm
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: 1-30µm
Dia.: 60-80mm
Connecting: Flange
Element Model: FBX Series



DF Superimposed Filter Series
Flow rate: 30-110L/min
Pressure: 32 MPa
Precision: 3-20µm
Dia.: 6mm 10mm
Connecting: Thread, Flange
Element Model: LH Series



DFB High Pressure Plate Filter Series
Flow rate: 30-660L/min
Pressure: 32 MPa
Precision: 3-30µm
Dia.: 15-32mm
Connecting: Flange
Element Model: LH Series



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



Magnetic Return Filter Series
—GP, WY, LXZS, CJS-4 Series
Flow rate: 300-800L/min
Pressure: 1.6MPa (CJS Series' pressure can reach to 10MPa)
Precision: 3-30µm
Connecting: Thread (LXZS; CJS-4 series), Flange (GP; WY series)
Element Model: GP Series; WY Series



QYL Return Filter Series
Flow rate: 63-400L/min
Pressure: 1 MPa
Precision: 3-30µm
Dia.: 20-60mm
Connecting: Thread, Flange
Element Model: QYLX Series



XNL Tank Mounted Return Line Filter Series
Flow rate: 25-1000L/min
Pressure: 0.6MPa
Precision: 1-30µm
Dia.: 20-90mm
Connecting: Flange
Element Model: NLX 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*



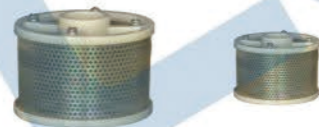
ZU-H QU-H High Pressure Line Filter Series
Flow rate: 10-800L/min
Pressure: 32 MPa
Precision: 1-30µm
Dia.: 15-55mm
Connecting: Thread, Flange
Element Model: HX, HBX, HDX Series



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



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



HY37 Wire Mesh Filter
Flow rate: 12-100L/min
Pressure: 1.6MPa
Precision: 60µm
Dia.: 15-32mm
Connecting: Screw



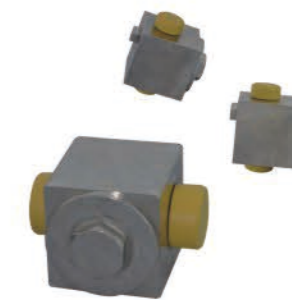
PLF Pressure Line Filter Series
Flow rate: 30-660L/min
Pressure: 6.3MPa 16MPa 32 MPa
Precision: 3-20µm
Dia.: 30-50mm
Connecting: Thread, Flange
Element Model: LH Series



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, TXX Series



CWU Magnetic Filter Series
Flow rate: 10-25L/min
Pressure: 0.5 MPa 1.6 MPa 3 MPa
Precision: 60µm 100µm
Dia.: 10mm 20mm
Connecting: Thread
Element Model:



CGQ Strong Magnetic Line Filter Series
Flow rate: 30-660L/min
Pressure: 31.5 MPa
Precision: 60µm
Dia.: 6-50mm
Connecting: Thread, Flange
Element Model: CX 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

Oil Purifiers

BLYJ Series Portable Oil Purifiers



Application:

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

Product Performance:

- The oil filter cart is an ultra-portable fuel oil filter machine.
- The machine is easily to carry, can fill oil to any hydraulic lubrication equipment in various circumstances and purify the oil.
- The coarse filtration of suction port can protect the pump and extend the life of the main filter.
- 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)	6-80		
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



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-1300x*



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 STXX Series



SGF Duplex High Pressure Line Filter Series
Flow rate: 30-660L/min
Pressure: 32MPa
Precision: 3-20µm
Dia.: 20-50mm
Connecting: Flange
Element Model: LH Series



SMF Duplex Mid-Pressure Filter Series
Flow rate: 30-100L/min
Pressure: 10MPa
Precision: 5-20µm
Dia.: 10mm 25mm
Connecting: Screw
Element Model: LH Series



SLLF Duplex Lubricant Filter Series
Flow rate: 19-22140L/min
Pressure: 1.6MPa
Precision: 80-120µm
Dia.: 30-200mm
Connecting: Flange
Element Model: SFX-1300x*



Pollutant Blocking Indicator
CS_iφCMS_iφCM Pressure-differential Style
CY_iφYM_iφCYB Pressure-type Indicator
ZS_iφZKF-II Vacuum Pressure-type Indicator

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 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

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 um
 ** The applicable media: generally hydraulic oil
 BH: water, glycol
 V: phosphate ester hydraulic fluids

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)	160	232	240	265	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

Product Description

This machine has five filtration systems, combining precise filtration and dewatering two functions into one efficient. The introduction of the US "coalescing separation" technology for dehydration, which has high efficient dehydration, especially is adapted to the large amount of water separation from oil, dehydration ability is far better than the centrifugal method, you can get rid of all of the oil-water emulsion medium structure; by filtration, particle filtration system, the cleanliness of the medium can be controlled in a stable state of the system requirements to ensure the cleanliness; the oil does not change the physical and chemical properties, to extend the service life of the oil; energy small, low operating costs; excellent system configuration, continuous strong performance for online operation.

1. Particulate Filter System:

High-efficiency filter media filter, large filtration area design, which can effectively filter out impurities in very fine particles, so that the oil reached a high of cleanliness.

2. Coalescing system:

Coalescing system consists of a set consisting of coalescing filter, which uses a unique polar molecular structure, oil free water and emulsified water through the filter after being coalesce into larger droplets, and then rely on gravity role sinking down to the water storage tank.

3. Separation System:

Separation filter in the separation system is made by special hydrophobic material, when the oil through the filter, the water droplets are blocked in the outer surface of the filter, coalescing with each other by gravity until settlement to the water storage tank.

4. Drainage System:

Separated water is stored in the water storage tank, when the height of the interface to reach the set value, the valve opens and the water discharges, until reduced to below the liquid surface, then the valve closed and the drainage stoped

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 / cm², the oil does not overheat causing deterioration. Oil temperature can be adjusted at 0 ~ 100 °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.

Efficient Vacuum Oil Applies To:

- turbine oil
- hydraulic oil
- Lubricants
- insulating oil
- transformer oil
- capacitor oil
- compressor oil

1. Clear Water

Oil free water and dissolved water by reducing the lubricity, oxidation and formation of the acid leaving the oil deterioration, even if the non-aqueous fluid is exposed to high-temperature oxidation and the formation of organic acids is not easy. The presence of an organic acid compounds cause corrosion. Water accelerate thermal degradation of the oil to produce a pellet or a carbonaceous material. The presence of water also causes the formation of oil polymerization macromolecules. Polymerization of the resulting change in viscosity, clogging of the orifice is generated on the system component wear and harmful in terms of solids. SLYJ efficient vacuum oil purifier can remove 100% of free water and more than 95% of dissolved water.

2. Clear the Air

Efficient vacuum oil purifier can remove 100% of free air and up to 75% of dissolved air, the air at the time the oil is cleared through the vacuum tank. Other gases depending on the cycle time is reduced to trace amounts.



3. Clear the solid particles

In order to remove the suspended particulate matter, SLYJ efficient vacuum oil filter to filter out caused by three bearings, pumps and valves in abrasive wear particles. It is also clear that may have accumulated between the valve and the valve sleeve gap and cause electro-hydraulic servo valves instability gripping and silt. In the insulating oil, the level of this filter prevents electrical caused by charged particles bypass effect breakdown.

How It Works:

Different liquids have different saturation vapor pressure. At a temperature of 70 °C, and water at about 30000Pa pressure begins to boil, and the oil in the low pressure of 5Pa to boiling. At the same temperature, oil saturation vapor pressure is much lower than water. Therefore, the oil in the liquid by vacuum pressure lowered to below the saturation vapor pressure of water, the oil in water will dramatic gasification, in the form of vapor from the oil spill.

By vacuum suction, fluid entering from the top through the vacuum tank and nozzle spray down, the oil in the water and is vaporized in a vacuum chamber vacuum extraction, in addition to oil after water is discharged from the bottom. In the middle of the vacuum chamber filled with a lipophilic material, the shower down the oil filler dispersed in the surface film formed by a thin, to increase the gas-liquid two-phase interfacial area, and the oil in the vapor space to extend the residence time.

The effect of vacuum removing water is mainly related with the work of the vacuum and the oil temperature. The lower the degree of vacuum is, the higher the temperature is, the better the effect of water addition. Oil temperature is usually around 60 °C, the temperature is too high will accelerate the oxidation of oil. For the hydraulic oil, the degree of vacuum is generally 600 ~ 700Pa, the moisture content to make the oil less than 100ppm. For the transformer insulating oil, the higher the degree of vacuum can be used; the water content can be reduced to 10ppm.

Vacuum dehydration can effectively remove oil in various states of water and oil in the air can be removed and a variety of volatile substances.

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	≤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 um

** 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

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



CS-AL Series Ultra-precision Oil Purifiers

Applications:

Filtration of hydraulic lubrication system when refueling;
Hydraulic lubrication system bypass filters at work;
Put into operation before the loop hydraulic lubrication system filters;
Access to the hydraulic lubrication system comprehensively improves the cleanliness of the system.

Performance:

1. Using sophisticated shell coated components to protect equipment from outside contamination, particularly adapted to the use of environmental requirements of the occasion.
2. There leakage, overload protection shutdown device to protect the motor.
3. To protect the hydraulic system with overpressure protection device.
4. There pumping and filtration system installed for convenient dual pumping or filtration.
5. There filter blockage alarm and shutdown devices.
6. Independent oil pump, vacuum gauge, pressure gauge and a number of filter cartridges in parallel.
7. Suction port coarse filter to protect the pump and extend the life of the main filter.
8. able to carry out continuous oil purification, oil contamination particles and moisture removal, filtration accuracy up NAS1638-3 level.

Technical Parameters:

Model	CS-AL-1R-*	CS-AL-2R-*	CS-AL-3R-*	CS-AL-4R-*	CS-AL-5R-*	CS-AL-6R-*	CS-AL-7R-*
Rated flow(L/min)	3	6	9	12	15	18	24
Temperature(°C)	5-80						
Recommended viscosity(CSt)	10-160						
Rated pressure (MPa)	1.6						
Pressure loss (MPa)	≤0.25						
Pressure difference when filter replacement (MPa)	0.8MPa						
First class micron(μm)	100						
Second class micron(μm)	NAS1638 Level 3-6						
Voltage(V)	Three-phase AC380V Two-phase AC220V						
Motor Power (kw)	0.2	0.2	0.4	0.4	0.55	0.75	0.75
Weight(kg)	66	86	90	108	112	120	135
Dimensions(mm)	380x500x680	380x500x680	600x500x680	600x500x680	860x500x1000	1100x500x1000	1100x500x1000



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



LY Series Frame Pressure Oil Purifiers



Application:

Used in power plants, power plants, industrial and mining substations, petroleum, chemical, metallurgy, defense and other units for filtering transformer oil, turbine oil, hydraulic oil, oil in water and impurities. Use paper as the filter material.

Features:

- Fast and easy replacement of the filter paper,
- Simple structure, easy to operate;
- Low running costs

Selectable Modes:

According to the user's requirements with optional automatic level control, automatic pressure alarm

Technical Parameters:

Index Name	Unit	LY-30	LY-50	LY-100	PLY-125	LY-150	LY-200	LY-300
Oil filtering capabilities	L/H	1800	3000	6000	7500	9000	12000	18000
Working Pressure	MPa	0-0.3						
Filter area	≥ m ²	0.48	0.6	1.35	1.55	2	2.5	3.1
Frame size	mm	180×180			280×280			
Compression mode		Manual compression screw						
The number of filter box		14	18	39	47	24	29	34
Plates number		15	19	40	48	25	30	35
Power	KW	1.1		2.2		3		5.5
The inlet diameter (mm)		25		44		50		65
Oil outlet diameter (mm)		19		32		44		50
Dimensions	Length	800		900 1000		1100		1200
	Width	300			440			
	Height	720	840		1000			
Paper size	mm	180×180				280×280		
Weight	kg	50	55	85	110	150	175	190
Accuracy		≤ 1-3						

TY Series Vacuum Turbine Oil Purifiers



Technical Features:

- 1, the model concentration method, a gasification method, coacervation method, vacuum separation, filtration, etc. and the mechanical one, using coacervation, molecular absorption, vacuum drying, automatic emulsification techniques, both the separated oil large amounts of water, can also remove trace moisture in oil, dehydrated emulsion breaking high efficiency, so turbid emulsified oil becomes clear and transparent.
- 2, sophisticated multi-level filter can effectively remove all impurities, progressively encryption, pollutant carrying capacity, long service life.
- 3, advanced infrared liquid level control system, sound and light alarm system and pressure protection device to ensure the safe and stable operation.
- 4, online processing turbine oil and low viscosity oil.

Purpose:

Widely used in electric power, chemical, paper, metallurgical industries steam turbine, gas turbine, turbine turbine oil online processing, ensure the unit adjustment, lubrication system working properly, also for low viscosity lubricants and cooling oil for processing.

Technical Parameters:

Index Name	Unit	TY-10	TY-20	TY-30	TY-50	TY-100	TY-150	TY-200	TY-300
Flow	L/min	10	20	30	50	100	150	200	300
Working vacuum	Mpa	-0.06~-0.095							
Working Pressure	Mpa	≤0.4							
Temperature control range	℃	20 ~80							
Power supply		380V 50HZ(Or according to user needs)							
Noise	dB(A)	≤65~80							
Trouble-free working time	h	≥4000							
Continuous working time	h	≥150							
Electric heating power	Kw	12	15	18	24	45	60	72	84
Total electric power	Kw	14	17	20	27	48	66	81	97
Into the (export) diameter	mm	25	25	25	32	42	50	50	60
Equipment weight	kg	400	450	500	600	800	1000	1100	1550
Equipment size	Length	1280	1350	1350	1350	1500	1500	1600	1650
	Width	750	900	950	1000	1000	1200	1350	1350
	Height	1450	1450	1500	1800	1800	1800	1800	1850
After filtration index	Break emulsification value	min ≤15/min(GB/F7035)							
	Moisture	ppm ≤80							
	Gas content	% ≤0.1							
	Cleanliness	≤NAS 6							

TYA Series Lubricant Vacuum Oil Purifiers

Technical Features:

1. This machine can effectively remove oil iron pin, dust, impurities, moisture and organic matter-containing, but also to remove the oil organic and inorganic acids, to restore the performance of the lubricant.
2. Emulsion breaking ability, both easy to separate the oil in large amounts of water, but also facilitate the extrusion of trace moisture in oil.
3. Strong ability to filter out impurities, using a special filter material increases the filtration area and precision. A large area of deep-seated sophisticated filters can remove fine particles in the oil, while the automatic backwash machine features can automatically clean the filter retention of large amounts of impurities, cleaning device operating system can be used to make polluting oil system can also back to the control standards within
4. Use the special aid, can reduce 1-2 color. Particularly suitable viscosity of the lubricating oil, refrigerator oil, hydraulic oil, gear oil.



Applications

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

Technical Parameters:

Index Name	Unit	TYA-10	TYA-20	TYA-30	TYA-50	TYA-100	TYA-150	TYA-200	
Flow	L/min	10	20	30	50	100	150	200	
Working vacuum	Mpa	-0.06 ~ -0.095							
Working Pressure	Mpa	≤0.4							
Temperature control range	°C	20 ~ 80							
Power supply		380V 50HZ (or as the needs of customers)							
Noise	dB(A)	≤65 ~ 80							
Trouble-free working hours	h	≥4000							
Continuous working time	h	≥150							
Electric heating power	Kw	36	40	45	60	90	120	180	
Total electric power	Kw	38	42	47	65	96	127	197	
Import and export of pipe diameter	mm	25	25	25	32	42	50	50	
Weight	kg	350	380	400	450	550	650	700	
Dimensions	Length	mm	1500	1500	1500	1600	1750	1900	1950
	Width	mm	1000	1050	1050	1150	1150	1600	1600
	Height	mm	1600	1600	1650	1700	1750	1950	1950
After filtration index	Break emulsification value	min	≤15/min(GB/F7035)						
	Moisture	ppm	≤100						
	Gas content	%	≤0.1						
	Cleanliness		≤NAS 6						

ZY Series Efficient Vacuum Oil Purifiers

Application:

This machine is suitable for processing unqualified transformer oil, mutual inductor oil, switch oil, insulating oil

Features:

- Three-dimensional flash, efficient dewatering, degassing.
- Mesh filter and purify the combination of polymer adsorption technology.
- It has dual infrared liquid level control.
- Trinity interlock protection device.
- The machine can be used independently, can also be used in conjunction with the oil regeneration system.
- The machine can be insulating oil for transformers and other electrical equipment vacuum oiling, vacuum drying.
- Random testing can withstand voltage and automatically print test results (ZYA series).
- The machine can be charged online operation.



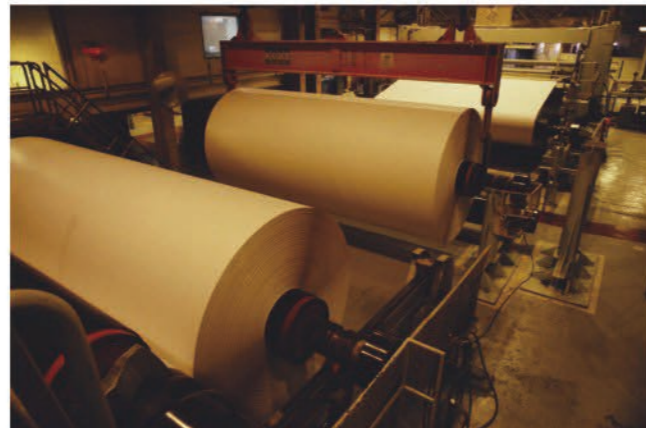
Technical Parameters:

Index Name	Unit	ZY-10	ZY-20	ZY-30	ZY-50	ZY-100	ZY-150	ZY-200	ZY-300	
Flow	L/min	10	20	30	50	100	150	200	300	
Working vacuum	Mpa	-0.06 ~ -0.098								
Working Pressure	Mpa	≤0.5								
Oil Breakdown Voltage	Kv	≥65								
Moisture	ppm	≤5								
Gas content	%	≤0.1								
The degree of impurity plasmid	um	≤5								
Trouble-free working time	h	≥9000								
Temperature control range	°C	0 ~ 100								
Continuous working time	h	720								
Power supply	(A)	Three-phase 50Hz 380V (three phases 50Hz 380V)								
Working noise	dB	≤75								
Electric heating power	Kw	15	20	25	30	50	60	70	90	
Total power	Kw	17	22	27	32	53	63	74.4	96	
Oil inlet pipe diameter	mm	20	25	25	32	42	50	65	75	
Weight	Kg	300	350	370	450	600	700	900	1100	
Dimensions	Length	mm	1050	1100	1150	1200	1600	1600	1800	1900
	Width	mm	750	850	900	950	1000	1100	1200	1200
	Height	mm	1300	1400	1450	1500	1800	1800	1900	1900

Markets & Applications



Metallurgy



Paper industry



Bio-pharmaceuticals



Aviation



Power plant



Colliery



Textile&chemical fiber



Military industry



Petroleum



Natural gas



Shipbuilding industry



Water treatment



Chemical industry