



PUR Series High Precision Oil Purifier

Application:

PUR series fine filter for filtering transformer oil, hydraulic oil, gear oil, lubricating oil and diesel fuel oil carbon, particulate matter, water and oil degradation. Used for oil storage tank, cement plant gear box, coal mill fuel tank, wind power gear box, hydraulic system pollutant tank, internal combustion engine lubricating oil Tank.

Features:

- Particle removal: The filtration accuracy of all filter elements is 3 microns, 3 micron particles intercepted 98.7% (approximately 100%), 0.8 micron particles intercepted 50%.
- Moisture absorption: The cellulose fiber inside the filter element can absorb the water in the oil.
- Remove oxides: the polar fiber inside the filter element can absorb paint and sludge in the oil, acidic substances.
- Remove acid: special material filter element neutralizes acid in oil.
- The filter element of the fine filter needs to be replaced at least once a year, or when the indicator needle of the pressure gauge is displayed. When the pressure exceeds 2 bar, the filter element should be replaced.
- A single filter element of 4 kilograms of sewage, water absorption of 2 liters, natural cellulose material.

Optional module

- Matching with centrifugal oil filter, can remove impurities than oil density, in order to reduce precision.

Use cost of filter element.

- Matching with the vacuum oil filter, can remove a large amount of free water and emulsified water in the oil.

Economic benefit

- Increased uptime; Reduce maintenance costs.
- Reduce downtime and production shutdown caused by system failures; Improve operational accuracy.

Reduce maintenance

- Improve the reliability of equipment operation; Prolong the service life of on-line filter element.
- Reduce wear and tear, and extend the service life of system components and oil products.

Environmental benefit

- Less oil change frequency; Reduce and add new oil; Reduce waste oil and protect the environment.



Technical Specification

Model	Flow Rate (L/min)	Filter Model	Qty of Filter (Pcs)	Pollutant Holding Capacity (Kg)	Water Absorption of Filter (L)	Overall Size(mm)
PUR15/27	2	15/27	1	2	1	750×500×950
PUR27/27	6	27/27	1	4	2	850×600×1000
PUR27/54	12	27/27	2	8	4	900×700×1500
PUR27/81	18	27/27	3	12	6	484×385×1345
PUR27/108	24	27/27	4	16	8	1000×875×1400
PUR427/54	48	27/27	8	32	16	1300×900×1300
PUR427/81	72	27/27	12	48	24	1300×900×1600
PUR527/81	90	27/27	15	60	30	1400×1000×1600

■The machine size and exterior size only as a reference. The exact size according the machine practicality size .

