OIL PURIFIER

TYD Series Oil and Water Separator For Lubricating Oil

ISO9001 Supplier

Class Certificate

Export Supply

TYD series lubricating oil special oil filter: TYD type oil filter is especially suitable for turbine oil with high water content, hydraulic oil, refrigeration oil, and other lubricating oil which needs to remo...

Key Highlights

Category	Oil Purifier
Standard	EN
Material	This equipment use medium with different surface tension, using inorgani...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Oil Purifier	**Model / SKU**	TYD-Series-Oil-and-Water-Separator-For-Lubricating-Oil
Standard	EN	**Material**	This equipment use medium with different surface tension, using inorganic fiber needle puncture of emulsified water for demulsification, using hydrophilic materials of oil in water by using hydrophobic materials and coalescence of the oil in the water by the line of separation.
Surface	This equipment use medium with different surface tension, using inorganic fiber needle puncture of emulsified water for demulsification, using hydrophilic materials of oil in water by using hydrophobic materials and coalescence of the oil in the water by the line of separation.	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

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China TYD Series Oil and Water Separator For Lubricating Oil:

TYD series lubricating oil special oil filter:

TYD type oil filter is especially suitable for turbine oil with high water content, hydraulic oil, refrigeration oil, and other lubricating oil which needs to remove large amounts of water and realize precision filtering impurities.

Technical features:

1. This equipment use medium with different surface tension, using inorganic fiber needle puncture of emulsified water for demulsification, using hydrophilic materials of oil in water by using hydrophobic materials and coalescence of the oil in the water by the line of separation. The demulsification and coalescence separation of free water and emulsified water are realized. The utility model has the advantages of high water content and high emulsifying ability, and is easy to separate a large amount of free water, emulsified water and dissolved water in oil.

2. This equipment vacuum separator by film evaporation technology and molecular evaporation technology special structure of lifelong free maintenance, quick two vacuum emulsion, and 100% out of oil in the vacuum analysis of free water, emulsified water, dissolved water, oil emulsion can become cloudy and clear.

3. It uses the tower condensation and condensation technology in tubular regulator, rapid cooling and collecting dehydration. The use of non rotary liquid circulation vacuum pump, in the high water content of the vacuum pump oil pollution, improve the service life of the vacuum pump to ensure the normal operation of the equipment safety.

4. It has strong ability to filter impurities, a large area of deep level precision filter can remove fine particles in oil, can be used instead of oil system cleaning equipment, make a serious oil pollution system can restore to the requirements of the state run oil standard.

5.It has high degree of automation, safe and reliable. The machine adopts infrared liquid level automatic control device, which realizes the separation of man and machine.

Technical Data:

Item		Unit	TYD-30	TYD-50	TYD-100	TYD-150	TYD-200
Flow Rate		L/min	30	50	100	150	200
working vacuum		Mpa	-0.06 ~ -0.095				
working Preuusre		Mpa	≤0.3				
power		380V/50HZ(at user's option)					
noise db(A)		dB(A)	≤65 ~ 80 (depend on user's requirement)				
Fult-free working hours		h	≥4000				
continuous hours		h	≥150				
Heating power		Kw	54	54	72	96	144
Total Power		Kw	60	60	80	105	152
Inlet(outlet) diameter		mm	Φ25	Φ32	Φ42	Φ50	Φ50
After filteration	water content	%	≤0.1				
	gas content	%	≤0.1				
	granularity	μm	5 (at user's option)				