

TOP Turbine Oil Purifier

Application

TOP Turbine Oil Purifier utilizes vacuum dehydration combining with coalescing & micro-glass filters media technology into one system for efficient and cost-effective oil purification and maintaining absolute cleanliness of turbine lube oil. Coalescing filters remove mass free water, vacuum dehydration removes moisture dissolved and micro-glass filters remove mechanical particles. VTP Turbine Oil Purifier is ideal for extending turbine oil life and has the features of low maintenance and operation cost.



Features:

1. Advance technology and design, with a steam turbines online and offline processing, high degree of automation, compact size, mobile and flexible structure.
2. Coalescence filters with oil-water separation technology to optimize the combination of dehydration.
3. Bring 5000 ppm of free, emulsified and dissolved water down to 50 PPM. Achieving filtering rate 1 micron or high
4. Temperature range of 20-100
5. Automatic pressure alarm shutdown system, automatic overload protection system, automatic constant temperature system, automatic protection against failure etc. to protect the equipment safe running.
6. Self-contained, skid mounted, stationary system or as a portable system 6. Ideal Turbine Oil Purifier for lube oil in combustion turbine, steam turbine, hydro turbine etc.

Technical specifications

Model	TOP-10	TOP-20	TOP-30	TOP-50	TOP-100	TOP-150	TOP-200	TOP-300
Capacity(L/min)	10	20	30	50	100	150	200	300
Working vacuum	-0.06~-0.095 Mpa							
Working pressure	≤ 0.4 Mpa							
Temperature range	0-100°C							
Water content	≤30 ppm							
Gas content	≤ 0.1%							

Demulsifying value	≤15min(GB/F7035)								
Cleanness	NAS 6 grade								
Filtering precision	≤1 micron								
Continuous work	100 hr								
No failure running	≥5000 hr								
Power supply	380V, 50HZ, 3PH (or Customized)								
Working noise	65 dB								
Heating power (kw)	24	24	30	40	60	90	145	160	
Total power (kw)	27	27	33.5	44	65	97	157	178	
Inlet/outlet(mm)	25	25	32	32	48	50	58	65	
Weight (kg)	300	350	400	500	800	1000	1200	1350	
Dimension (mm)	L	1200	1250	1400	1500	1650	1750	1900	2000
	W	600	710	850	950	1100	1200	1250	1350
	H	1280	1300	1300	1400	1800	1850	1950	2100