

VHF Hydraulic Oil Purifier



VHF Hydraulic Oil Filtration Machine is designed for continuous treatment of hydraulic oil by removing free, emulsified and dissolved water, free and dissolved gases, and particulate contaminants to prolong lifetime of hydraulic system. It utilizes high precision filter elements, digital temperature controller, vacuum monitor, pressure monitor and interlocked protection system to ensure maximum performance and reliability. VHF Hydraulic Oil Cleaning Machine can help users reduce operating costs and consumption, enhance life of hydraulic equipment.

Water, gas and impurities dissolved in oil has following influence

1. Reduce performance of equipment
2. Damage the lubrication system
3. Destroy the property
4. Accelerate the oxidation of oil

VHF Hydraulic Oil Filtration Machine can remove 100% free water, 100% dissolved gas and reduce dissolved water to 50 ppm. It also use high precision filter elements to remove 99% impurities. After purification by hydraulic oil filtration machine, the cleanness of oil can achieve NAS 6 grade.



Features

1. Removing 0 impurities, free carbon, gas, metal impurities, acid value effectively and improve the aviation hydraulic oil cleanliness, security, oil safety and extend the oil lifetime.
2. Hydraulic Oil Filtration Machine can remove 99% particulate more than 1 micron or higher
3. Over pressure alarm system, overloaded protect system, emergency stop system , plugged filters indication
4. Gear type discharge pump, fully automatic liquid level controller.
5. High processing efficiency, deliver outstanding technical performance and enhance environmental safety.

Technical specification

Model	VHF-10	VHF-20	VHF-30	VHF-50	VHF-100	VHF-150	VHF-200	VHF-250	VHF-300
Capacity(L/min)	10	20	30	50	100	150	200	250	300
Working vacuum	-0.06~-0.095 Mpa								
Working pressure	≤ 0.4 Mpa								

Temperature range	20-80°C									
Water content	≤20 ppm									
Gas content	≤ 0.1%									
Demulsifying value	≤8 min(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	35	60	90	120	140	150	
Total power (kw)	27	27	33	40	65	100	130	150	165	
Inlet/outlet(mm)	25	25	32	32	48	50	58	62	65	
Weight (kg)	300	350	400	500	800	1000	1200	1300	1350	
Dimension (mm)	L	1100	1150	1200	1300	1500	1600	1700	1900	2000
	W	800	800	850	950	1000	1150	1250	1300	1350
	H	1200	1250	1300	1350	1500	1600	1800	1900	2000