

VLF Lube Oil Purifier

Application

VLF Lube Oil Purifier from Acore Filtration Co.,Ltd is developed to improve liquid quality by continuous removal of particles, sludge free water, emulsified and dissolved moisture from hydraulic and lube oils. It can remove 100% of free and emulsified water, 90% of dissolved water and bring water content down to 80 ppm by coalescence technology and vacuum dehydration, and removal of 100% one micron particulate by high precision fiber filter elements. VLF Lube Oil Purifier is ideal system for maintaining original property, ensuring optimal performance and extending service life of hydraulic and lube oils. It also help end-user reduce overall operational and maintenance cost of modern industrial lubrication systems.



Features:

1. High-performance water, gas, and particulate separation system, which can remove 100% of the free water and 95% dissolved water, 100% of the free gas and 95% of dissolved gases and remove 98% of 1 micron particulate.
2. Minimizing fluid oxidation, maintaining lubricity properties and reducing aeration and acid build-up.
3. Low watt density oil heaters and digital temperature controller
4. High-quality filter elements with high dirt holding capacity, and filter elements can be cleaned or replaced.
5. Low maintenance requirements, minimal installation requirements and automatic operation
6. Automatic pressure alarm shutdown system, automatic overload protection system, automatic constant temperature system, automatic protection against fuel injection and many other advanced technologies to protect the equipment fully automated safe operation.

Technical Specification:

Model	VLF-10	VLF-20	VLF-30	VLF-50	VLF-100	VLF-150	VLF-200	VLF-250
Capacity(L/min)	10	20	30	50	100	150	200	250
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	
Total power (kw)	27	27	33	40	65	100	130	150	
Inlet/outlet(mm)	25	25	32	32	48	50	58	62	
Weight (kg)	300	350	400	500	800	1000	1200	1300	
Dimension (mm)	L	1100	1150	1200	1300	1500	1600	1700	1900
	W	800	800	850	950	1000	1150	1250	1300
	H	1200	1250	1300	1350	1500	1600	1800	1900