



PL Series

Plate Pressure Oil Purifier Machine

Introduction

PL series plate pressure oil purifier is specially designed for power station, electricity factory, mineral enterprise, lube depot, tractor station, petroleum, chemical engineering, metallurgy, national defense unit, ect, filtering water and impurities of transformer oil, turbine oil, engine oil, diesel oil, kerosene, aviation hydraulic oil etc., as well as filtering edible oil. The machine is made up of filter bed, oil pump and rough filter. There are filtering media, such as filtering paper or filtering fuse, installed between the plastic filter board and filter plate that will be fixed to form a single filtering room under the pressure of the packing device. The filtering paper or filtering fuse packed between the filter board and filter plate will play a role of filtering. It's characterized by simple structure, easy operation, low operation cost, ect.

Technical Parameter

Model		Unit	PL-30	PL-50	PL-100	PL-125	PL-150	PL-200	PL-300
Flow Rate		L/min	30	50	100	125	150	200	300
Working Pressure		MPa	0-0.5						
Filter Size		≥ m 2	0.3	0.39	1.3	1.54	1.89	2.01	3.1
Add Pressure			Manually						
Filter Room Number			11	13	10	12	14	18	23
Filter Plate Number			12	14	11	13	15	19	24
Oil Pump	Flow rate	L/min	>30	>50	>100	>125	>150	>200	>300
	Pressure	Mpa	0.5						
Power			380V/3P/50Hz (or as needed)						
Motor	Power	kW	1.1	1.5	3	4	4	5.5	7.5
	Speed	r/min	1400						

Recommend Oil Testers

1. Online PPM Meter PTT-001
2. Online PPM and Particles Analyzer PTT-002
3. Karl Fischer Water Content Tester TP-2100
4. ASTM D445 Kinematic Viscosity Tester VST-2400
5. ASTM D974 Oil Acidity Tester (6 cups) ACD-3000I
6. ASTM D971 Interface Tension Tester IT-800A
7. ASTM D92 Open Cup Flash Point Tester TPO-3000
8. ASTM D93 Closed Cup Flash Point Tester TPC-3000
9. Cloud Point & Pour Point Tester PT-2000
10. Petroleum Products Density Tester DST-3000
11. ASTM D86 Distillation Range Tester DIL-100Z

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2. ASTM D86 Distillation Range Tester DIL-100Z
3. ASTM D130 Copper Corrosion Tester TP-113
4. Dew Point Tester DPME-P
5. ASTM D664/ASTM D2896 TAN/TBN Titrator TP-6696
6. Gas Chromatography GC-9890B
7. ASTM D4170 Four Ball Friction Tester TP-10A
8. Cloud Point & Pour Point Tester PT-2000
9. ASTM D240 Oxygen Bomb Calorimeter TP-5000C
10. 21.ASTM D5293 ASTM D2602 Engine Oil Apparent Viscosity Tester Model CCS-2602