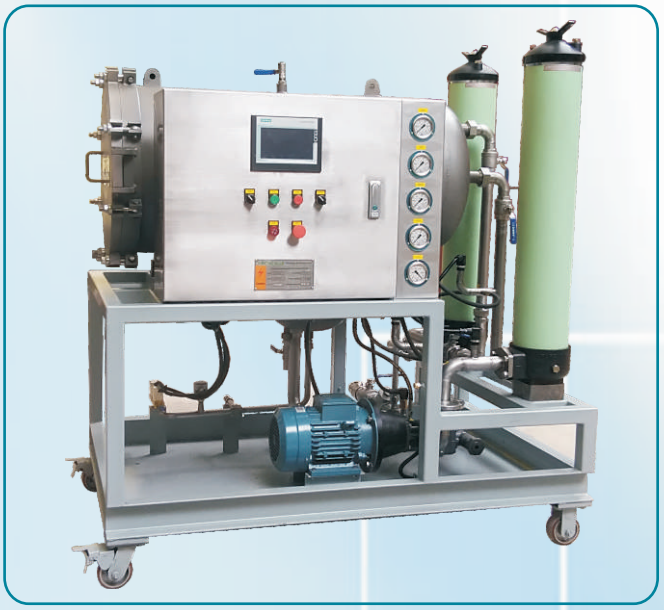
HCP Series Coalescence Separation Oil Purifier

Application



HCP Series Coalescence Separation Oil Purifier sare consisted of coarse filter, second filter, fine filter, coalescence separation filter, oil pump and electrical control system. They havethree functions:

1) filtration and dehydration function to remove emulsified water, free water and impurities.

2) 2)Can be used as oil filling machine only to remove impurities from oil.

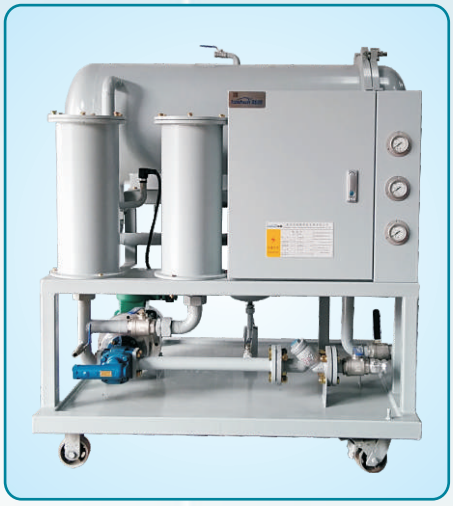
Working principle: oil goes through specially made filter from outside to inside, by this direction, the hole of filter layer is smaller and smaller, different layer can prevent different size of impurities. This design improved lifetime and efficiency of filters.

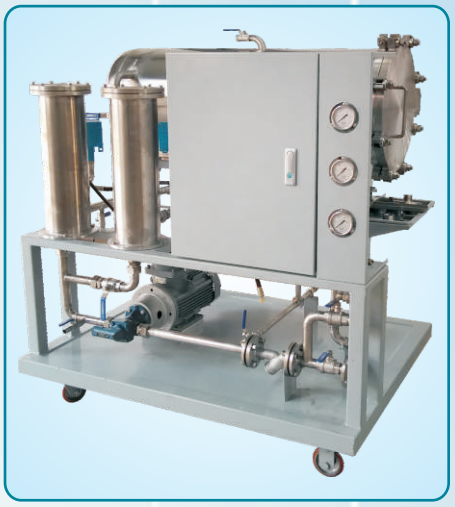
3) There is inner circulation so that operator can replace coalescence and separation filter.

They are usuallyused as the filtration and dehydration system for turbine oil. With high precision filtration and high efficiency dehydration functions, which can effectively remove impurities, emulsified water and free water from oil, they can improve oil quality, reduce cost of reprocessing and pollution, and lower the cost of maintenance and operation.

Optional Design Modes:

- PLC intelligent control, touch screen operation and dynamic display can be selected according to user's demand.
- Optional smart Internet of Things module.
- Optional on-line water detector, particle detector.
- Optional balance charge purification technology module for impurity removal.





Technical Specification

Item	Name	Unit	LS-HCP--50	LS-HCP-100	LS-HCP--200	LS-HCP-300
Technical Parameter	Nominal Flow	L/H	3000	6000	12000	18000
	Working Pressure	MPa	⩽ 0.5			
	Oil Temperature	℃	⩽ 70			
	Working Power Supply	V	380V/50Hz(or at user's option)			
	Total Power	kW	1.5	1.5	3	4
	Pipeline Diameter	mm	32	40	50	65
	Net Weight	kg	390	500	800	1200
	Overall Dimensions(L×W×H)	cm	150×100×130	160×120×150	170×125×180	210×125×160
Index for Oil Treatment	Water Content	PPm	⩽100 (GB/T7600)			
	Filtration Precision	μm	⩽10			

■Above size and weight are for reference only, the specific data shall be subject to its physical object.