

# Oil Purifier

## General information about ADOR-306DS Coalescing Dehydration and Spappretion Oil Purifier

1-ADOR-306DS coalescing dehydration and spappretion oil purifier is made of a hydrophilic coalescing element and a hydrophobic dehydration element which are configured and optimized in a certain proportion.

2-According to the different physical effects of the water in the oil, the free water drops with big diameters when passing the coalescing element.

3-The dehydration element will then separate the water drops, which will be automatically drained out after sinking in the water holder.

4-The oil and water will thus be separated.

5-Combining automatic emulsion splitting, high-efficiency dehydration and precise filtering, the filter can effectively filter out the water and impurities in the oil.

6-The product is suitable for the online automatic operation of various light oil system, turbine oil systems and lubricating systems.

7-It has obvious effects on the online operation of leakage sets.



## Features of Product:

- The whole equipment designed individually with nice appearance, low power and low cost for operation.
- The plant is all made of stainless steel without adding antirust so that working uninterruptedly.
- The oil-water interfacial apparatus and automatic drained valve could offer exactly detached water level and drain water automatic when it accumulated condign capacity.
- Electric system control with PLC (touch screen) which could show working condition and operation of all parts clearly. It also can monitor equipments, automatic control and protect stopping machine. It could use of the equipment operation online without human.
- Adopting the special oil pump made in Germany that have good airproof, low noise and long life time.
- Multilayer filtration including coarse filter, protecting filter, nice filer are all imported. The effect of control impurities is excellent.

## Technical specification of the device:

Item	Parameter	Type Unit	ADOR-50	ADOR-100	ADOR-150	ADOR-200	
Technical Parameter	Flow Rate	L/MIN	50	100	150	200	
	Working Pressure	Mpa	≤0.5				
	Temperature Range	°C	45-65				
	Power Supply		50Hz	380V	3-Phase 4-Wire (or as requested)		
	Total Power	KW	1.5		3		
	Inlet/Outlet Diameter	mm	32	38	45	50	
	Size	Length	mm	1500	1500	1600	1650
		Width	mm	1000	1050	1200	1250
		Height	mm	1400	1400	1500	1600
Weight	Kg	450	500	600	700		
Oil Treatment Index	Water Content	ppm	≤100				
	Kinematic Viscosity	mm <sup>2</sup> /s	≤20% in comparison to the original bias value of new oil				
	Demulsibility	min	≤15				
	Filtering Accuracy	μm	≤5				
	Cleanness	NAS	Grade 5-8				
	Oil Appearance		Transparence				

