



DPS Series Centrifugal Oil Purifier

Application:

DPS series centrifugal oil purifier adopts the principle of high speed centrifuge and is equipped with the function of vacuum exhaust, which can quickly separate incompatible substances (mechanical impurities, free water) with different specific gravity. Suitable for all kinds of turbine oil, hydraulic oil, lubricating oil, sealing oil, etc., the viscosity of the purified oil can reach 680mm²/s. However, due to its principle, dissolved water can not be removed, so it is often used in combination with vacuum oil filter unit to achieve four-phase separation (solid particles, free water, dissolved water, gas).

The centrifugal component of the oil is rotated at a high speed at 8600 RPM, and the centrifugal force generated will be larger than the proportion of various metal and non-metal pollutants in the oil and the water in the oil by pure physical separation.

Advantages:

- Precision of purifying particle impurities
- Centrifugal purification, no consumables (no filter paper, filter element), low cost;
- The main piping system is made of stainless steel, which meets the requirements of corrosive conditions;
- Centrifugal cylinder and internal aluminum parts hard oxidation treatment, with high hardness and corrosion resistance;
- Spindle surface phosphating, enhance wear resistance and corrosion resistance;
- The inner disc of the equipment is made of imported PEK material, with corrosion resistance and high temperature resistance Fatigue resistance;
- Fluid control components and pipeline accessories are made of stainless steel;
- Purification process without waste discharge, in line with the requirements of environmental protection;
- Equipment set multiple interlocking protection function, can work continuously for 24 hours.



Technical Specification

Model	DPS80	Rated power	4.25KW
Cleanliness after Purification	NAS1638 3-7degrade	Pressure	380VAC,three-phase
Water Content	≤100PPm	Net Weight	260kg
Centrifuge Speed	8600r/min035-0L/min	output pressure	0.15-0.40Mpa
Flow	35-80L/min	Container capacity	3.4L
Drainage Method	Automatic drainage without shutdown	Impuritycleaning method	manual operation
Purify Oil Viscosity Range	≤680mm ² /s	Drive Mode	Multi-wedge belt and pulley
Overall Dimension	1205*680*1080mm	Installation	Mobile Type
Working Mode	Fuel tank bypass on line circulation	Used medium	Stainless steel/carbon steel material

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