

# TYD系列

## 润滑油脱水专用滤油机

TYD Oil And Water Separation Plant

### 技术特点:

- 1、脱除水份、破乳化能力强，既容易分离出油中大量游离水、乳化水、溶解水，也能脱出油中的微量水。
- 2、由于采用专门的薄膜蒸发技术和分子蒸发技术，能快速破乳化，能使浑浊乳化的油变得清澈透明。
- 3、采用终身不换型（20年以上）薄膜蒸发技术和分子蒸发技术。既解除周期性更换破乳化滤芯的烦恼，降低滤油成本又减少劳动强度。
- 4、滤除杂质能力强，大面积深层次的精密滤材可除去油中的细微颗粒，可代替油系统清洗装置使用，使污染严重的油系统也能恢复到国家运行油标准要求。
- 5、自动化程度高，安全可靠。本机采用红外线液位自控装置，实现了人机脱离，使操作更简单、可靠。

### 用 途:

TYD型滤油机特别适合于含水量高的透平油、液压油、冷冻机油及需要脱除大量水份和实现精密过滤杂质的其它润滑油。



### 产品介绍

Products Introduction

### Technical Features:

- 1.High water removal and demulsifying capacity, which could remove large amount of water and minimal amount of water from oil.
- 2.Application of film evaporation and molecule evaporation technology enable quick demulsifying, and make the turbid and emulsified oil become limpid and clear.
- 3.The film evaporation and molecule evaporation technology is of a lifetime service (above 20 years), which avoids the periodic filter replacement, also reduces the cost of purification and the intensity of work.
- 4.It has a strong impurity removing capability, its automatic backwash filter element can remove large amount of impurities in the oil while the precise filtration materials can remove the granules in the oil serving as an oil cleaning system, which brings serious contaminated oil system back to the team Turbine Oil Contamination Control Standard
- 5.It is of high automation, small size, safe and reliability. An infrared liquid level control system is used, which enables a man-machine separated operation, making the operation easier and more reliable.

### Use:

TYD Purifier is particularly fit to treatment to high water content turbine oil,hydraulic oil,refrigerant oil, as well as other lubricant oil which requires to have large amount of water be removed and impurities be removed by precision filtration.

指标名称	单位	TYD-30	TYD-50	TYD-100	TYD-150	TYD-200
流量	L/min	30	50	100	150	200
工作真空	Mpa	-0.06 ~ -0.095				
工作压力	Mpa	≤0.3				
电源	/	380V 50HZ (或根据用户需要 or at user's option)				
噪音	dB(A)	≤65 ~ 80 (视配置而定 depend on user's requirement)				
无故障工作时间	h	≥4000				
连续工作时间	h	≥150				
加热功率	Kw	54	54	72	96	144
总电功率	Kw	60	60	80	105	152
进(出)口管径	mm	Φ25	Φ32	Φ42	Φ50	Φ50
滤后指标	破乳化值	min	≤15/min(GB/F7035)			
	含水量	%	≤0.1			
	含气量	%	≤0.1%			
	过滤精度	μm	5 (可根据客户要求 or at user's option)			