

TYC系列 磷酸脂抗燃油滤油机

TYC Phosphate Ester Fire-Resistant Oil Purifier Series

技术特点:

- (1) 本机是为磷酸脂抗燃油系统开发的新一代真空滤油机, 采用反沉降, 聚集分离, 真空解析, 真空滞留, 闪蒸发等脱水, 脱气技术, 不仅能有效快速除去油中的游离水份和气体、还能深层次地脱除油中的溶解水份和气体;
- (2) 选用新型复合材料制成的逐级加密滤芯, 能除去油中的大量杂质实现精密过滤。
- (3) 运用新型吸附材料, 能有效吸附油中的胶状物质, 降解油中的酸值。
- (4) 本机采用抗酸抗溶解不锈钢构造, 滤芯和密封选用与抗燃油不相溶的材料制成, 美观、轻巧、操作方便, 噪声低, 使用寿命长。

用 途:

TYC系列广泛使用磷酸脂抗燃油的油系统。



Technical Features:

- 1.The purifier is a next-generation vacuum oil purifier designed for phosphate ester fire-resistant oil system, utilizing dewatering and degassing technologies such as anti-precipitation, aggregation separation, transformation resolution, vacuum entrapment and flash evaporation, which not only speedily removes the free water in oil but also intensively removes the dissolved water and gas in oil.
- 2.The stage-to-stage densified filter element made of new composite materials can remove the large amount of impurities in oil and results in a precision filtration.
- 3.Application of new absorptive materials can effectively absorb the jelly substance in oil, and eliminate the acid content in oil, as well as inhibiting the production of new acid in the system.
- 4.The purifier body is made of acid and dissolving resistant stainless steel; filter element and seal are made of materials which are compatible with fire-resistant oil, being of nice look, light weight, easy to operate, low noise and longer lifetime.

Use:

It is widely applied to phosphate ester fire-resistant oil system and mechanical equipment.

指标名称 Items	单位 Unit	TYC-10	TYC-20	TYC-30	TYC-50
流量 Flow rate	L/min	10	20	30	50
工作真空 Vacuum Range	Mpa	-0.06 ~ -0.095			
工作压力 Working Pressure	Mpa	≤0.3			
电源 Power Supply	/	380V 50HZ(或根据用户需要 or at user's option)			
噪音 Noise dB	dB(A)	≤65 ~ 80 (视配置而定 depend on user's requirement)			
无故障工作时间 Fault-Free Working Hours	h	≥4000			
连续工作时间 Continuous Running Hours	h	≥150			
加热功率 Heating Power	Kw	9	18	18	30
总电功率 Total Power	Kw	12	21	21	33
滤后指标 Indices After Filtration	破乳化值 Demulsifying value	min	≤15/min(GB/F7035)		
	含水量 Water Content	ppm	≤50		
	含气量 Gas content	%	≤0.1		
	酸值 Acid Value	MgKOH/g	≤0.05		
	电阻值 Resistance	Ω	≤1.0 × 10 ¹⁰		
	清洁度 cleanliness	NAS1638	≤5 级		