



## GZL Series Vacuum High Viscosity Lubricating Oil Purifier

### Application:

GZL Series High Viscosity Vacuum Lubricating Oil Purifiers are suitable for purification treatment of high viscosity lubricating oil which is used in industries of mechanical engineering, metallurgy, mining, petroleum, chemistry and power plant etc. They can efficiently remove the water, impurities and harmful gas in the oil to improve the oil properties and recover its performance, and can work online or in circulation through preheating oil tank as well.

### Advantages:

- Adopts special oil pump to transport high viscosity oil.
  - Unique dehydration and degassing system, quickly separating water content and gas in the oil.
  - Precise multi-stage filtration system, high quality filter element of better pollutant-containing ability and long service life. Function of automatically detecting the pollution degree of filter elements.
  - Optimized heating system with automatic constant temperature controller ensures even heating and stable oil temperature.
  - Advanced fully automatic temperature control system, liquid-level control system, defoaming control system, pressure protection system and excellent main components can ensure operation of the equipment with high performance.
  - The machine supports on-line operation without supervision with indicators to show operation status.
  - Adopts humanization design with low noise, easy operation, long free-maintenance time and energy saving to lower the operation cost.
  - Equipped with indication for changing filters and automatic stop device for overloaded filters.
  - Equipped with emergency stop for electric leakage and power overload to protect the motor.
  - With phase-sequence, phase loss protection function and safety control for sudden shut-down.
- Optional Design Modes:**
- PLC intelligent control with touch screen operation and operation status dynamic display.
  - Online moisture tester and online particle counter are available as optional components.
  - The whole structure of the machine can be mobile style with four wheels, fixed style, mobile style with trailer (double axles or single axle)
  - Fully enclosed style, conceal eaves type and open style of canvas etc.



### Technical Specification

Item	Name	Unit	LS-GZL-20	LS-GZL-30	LS-GZL-50	LS-GZL-100	LS-GZL-150	LS-GZL-200	LS-GZL-300	LS-GZL-500
Technical Parameter	Flow Rate	L/H	1200	1800	3000	6000	9000	12000	18000	30000
	Operating Vacuum Degree	MPa	-0.08 ~ -0.098							
	Working Pressure	Mpa	≤ 0.5							
	Temperature Range	℃	20~70							
	Power Supply	V	380V/50Hz (or at user's option)							
	Working Noise	dB(A)	≤ 75							
	Total Power	kW	24+3	24+3	30+5	40+5	72+5	90+6	120+10	135+16
	Inlet/Outlet Diameter	mm	25	25	32	40	50	50	65	80
	Net Weight	Kg	500	570	650	800	1100	1200	1300	1900
	Overall Dimensions	cm	120×110×160	120×130×160	130×115×175	155×130×190	175×155×220	175×155×220	180×170×225	220×190×230
Index for Oil Treatment	Water Content	%	No (GB/T260)							
	Gas Content	%	≤ 0.1 (GB/T423)							
	Filtration Precision	μm	≤ 10							

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