



*Transparent Testing &
Simplified Measurement*

High Vacuum Double Stage Transformer Oil Filtration Machine

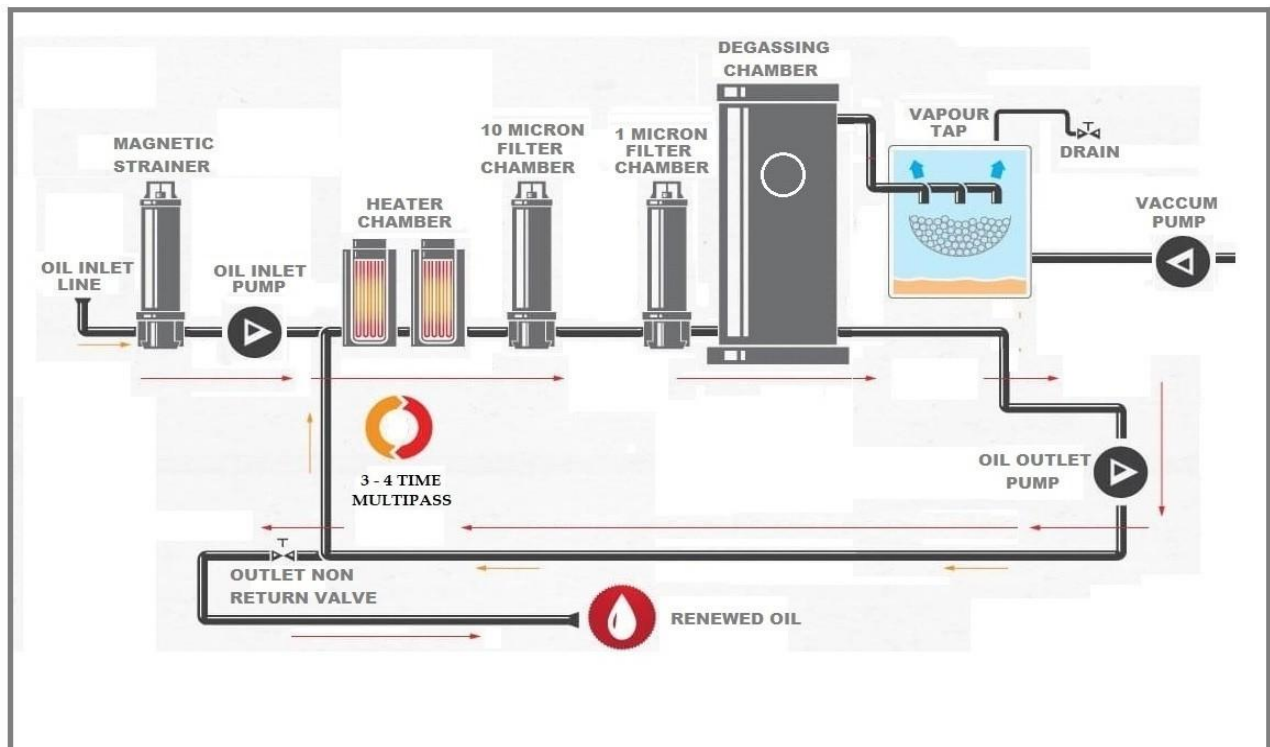


Oil Data Before and After Treatment :

Parameter	Used Oil	After Treatment
Moisture (Water Content)	≥ 120 ppm	≤ 5 PPM
Gas Content	10%	$\leq 0.1\%$ (Vol)
Particle size (Filtration Level)	50-100 ppm	≤ 1 micron
Breakdown Voltage (Dielectric)	25 kV	≥ 70 KV

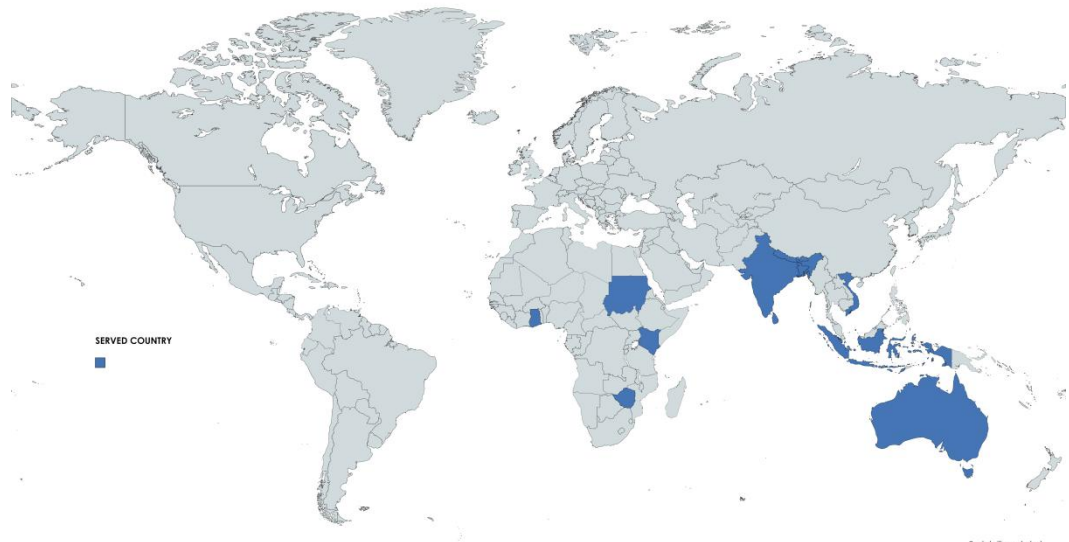
Working Principle :

When this machine start working and vacuum degree is upto the set value, the used oil will be sucked into the primary filter & secondary filter under the pressure difference, the primary filter & secondary filter will remove the big size impurities/ particles, then the oil which just contains the tiny particles is heated by the heaters. Then the heated oil enter into the vacuum separator, through the function of vacuum pressure and degassing system, the moisture content in the oil, which is vapoured & separated from the oil quickly, is either discharged under the process of the vacuum system or refrigerated to liquid water into water receiver, meanwhile de-gasification work is completed. The last procedure is that the fine filter removes the tiny impurities completely. Finally, clean oil goes out through the oil outlet.



*All Pictures are for reference only.

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