

General information about ADOR-300VT Ultra-High Voltage Transformer Oil Purification Machine:

ADOR-300VT Ultra-High Voltage Transformer Oil Purification Machine is mainly used to improve the properties of insulation oil. It can remove trace water, gas, particulate matters etc. from the insulating oil effectively and rapidly so as to boost performance of transformers, circuit breakers, mutual inductors, cable and capacitors which has insulation system. ADOR-300VT series specialize in purifying branded oil, insulating oil of high voltage and super high voltage transformer. Additionally, it is suitable for treating low viscosity lubrication oil.

Performance:

Re-refining to remove acids and particulate material

Dehydrating to remove free and dissolved water, including insulation dry-out of the windings.

Degassing to remove other dissolved combustible gases such as Acetylene, Ethylene, Ethane, Methane, Hydrogen and Carbon Monoxide, and Carbon Dioxide.



Technical specification of the device:

Index Before Purification(from customer for your reference):

water content ≤ 50 ppm
gas content ≤ 10 %(by volume)
breakdown voltage ≥ 30 KV/2.5mm
particle qty ≤ 70000 (5-50micron)

Index after purification (test at oil-outlet of the machine) :

water content ≤ 5 ppm
gas content ≤ 0.1 % (by volume)
acetylene content:0
breakdown voltage ≥ 75 KV (Spherical polar)
particle qty in 100ml oil ≤ 500 (5-50 micron), (0 for ≥ 100 micron particle).
dielectric loss $\text{tg}\delta \leq 0.3\%$ (90°C)
acid value ≤ 0.1 mgKOH/g

Characteristics:

1. Waste Insulating Oil Recycling machine / recycled Insulating oil machine has one pot with two-stage vacuum-segregating space, it come into being different pressure so as to keep oil line balance between two stages.
2. The pump of this product is adopted vacuum-pump imported from Europe, which have preceding level in the world, and with high air pump speed so as to get high working vacuity.
3. As the new technology, vacuum-segregating employs particular spinning disk and stainless steel machine with dehydration and air pump so that enlarge the area of segregating and coming to three-dimensional evaporation.
4. Using new type of heating equipment, it can reduce heating burthen and extend oil life.
5. Oil level control adopt photoelectric way which the main components is imported from Switzerland and have features of sensitive control, exactitude so much as feel the spume of oil, mount the equipment to prevent superhigh and superlow oil level. Spurting oil phenomena is never appeared.
6. As the clients requirement, they could choose equipment which their components were all or partly imported from overseas. Include touching screen and flow gauge is can be selected according to customers. This series could meet different kinds of customers need.
7. Waste Insulating Oil Recycling machine / recycled Insulating oil machine equips filter assemblies imported. and it has large filtering area, strongly absorbent-dirt capability, high filtering precision.
8. Whether clients choose the oil pump from domestic or abroad, they all must be airproofed by our factory, moreover running without noise and leakage. extended oil life.

