TROJAN

ORS 4 DRY OUT SYSTEM

FEATURES:

* 1000 L/HR CAPACITY. For on line operation, tank to tank or transformer filling.
* PLC CONTROL WITH TOUCH SCREEN INTERFACE TO GUIDE OPERATORS.
* ON LINE TREATMENT OF LIVE TRANSFORMERS. Safety features include double walled hoses with isolation valves, pre-start leak test, leak detection in plant sump.
* Four-way treatment of transformer oil:
  + Vacuum dehydration to < 10ppm moisture level
  + Vacuum gas removal to 0.25% by volume
  + Particle removal to 1 micron
  + Regeneration of oil by fuller’s earth adsorption to remove oxidation by-products (acidity, sludge)
* INTELLIGENTLY REMOVES WATER DISSOLVED IN THE CELLULOSE INSULATION.
  + An analysis cycle on start-up measures moisture in the oil in the inlet and outlet lines to determine the moisture content of the insulation. This determines the treatment time required to dry the insulation which could be days or weeks as the moisture gradually moves from the insulation to the oil.
* ON BOARD REACTIVATION OF FULLER’S EARTH.
  + A reactivation process automatically treats the Fuller’s earth up to 200 times before it needs replacing.
* UNMANNED OPERATION AFTER INITIAL START UP
  + The plant is designed to operate safely 24/7
* MAY BE OPERATED IN VACUUM DEHYDRATION AND DEGASSING MODE WHILE FULLER’S EARTH IS BEING REACTIVATED.
* IN HOUSE OR ON SITE TRAINING AVAILABLE FROM A TROJAN FACTORY TECHNICIAN
* ROBUST CONSTRUCTION ON SUBSTANTIAL 4 WHEEL TRAILER. Air brakes, spare wheel, standing platform, stainless steel canopy.