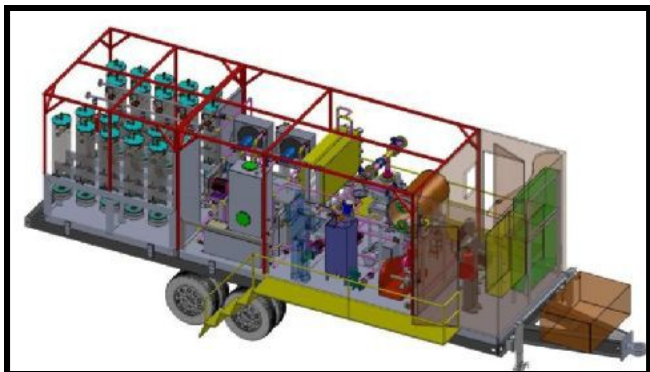


TRANSFORMER LIFE EXTENSION THROUGH OIL REGENERATION

Transformer Oil Treatment and Reclamation according to IEC60422 can extend the life of Transformers- an important asset of the electrical network. Do not "mistreat" the Transformers Oil. Use of right Technique and Tools is vital. AYT has acquired the Transformer Oil Regeneration Plant (TORS) to serve the customer and to increase the life of the transformers. Consider cost Environment before disposal of Transformers Oil.



Redragon Oil & Gas Systems International Inc. is an ISO 9001:2008 certified manufacturer of custom-engineered solutions for the utility and recycling industrial sectors. Products include transformer oil regeneration systems, high vacuum systems, waste oil reclamation systems and more. REDRAGON Transformer Oil Treatment and Reclamation Plant is in use around the world has helped the customers to reduce the cost of Transformers Oil and damage to the environment. REDRAGON has their manufacturing plant in Cambridge, Canada. They are equipped with the best people, technology, resources to address the customers need. They are known for their Quality Products and on time delivery.

Oil in transformers works as insulation and conductor of heat. The life of the transformer depends on the life of oil. The proper maintenance of the oil is of utmost importance. Adherence to the international standard (IEC60422) and best practices coupled with the best tool can help the customer to increase the life of the oil and hence the life of the Transformers. AYT has acquired the ONLINE Oil Treatment and Regeneration (TORS) to regenerate the used oil with reactivation technology.

The price of purchasing regenerated oil is less than 80% of new oil and can be as low as 50%. Moreover, the use of regeneration technology removes dependence on oil companies to deliver replacement supplies and isolates from wildly fluctuating external market prices.

Copper Sulfide damages the transformers winding and insulation. TORS removes DBDS (Dibenzyl Disulfide) and obviates the requirement for passivating the oil, reducing oil maintenance costs and providing peace of mind.

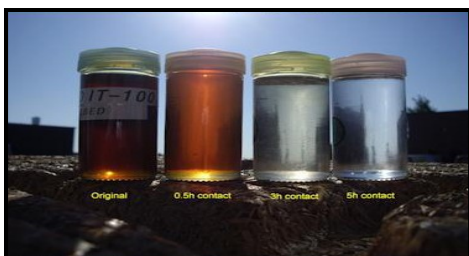
AYT INTERNATIONAL LLC

is a leading Marketing company of Testing and Measuring Equipments and provides all the testing solution under one roof.

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The above Pictures shows the bad oil and the regenerated oil which is as good as new oil. New oil conforms to the standard IEC60296.

The right side table shows the important properties of the re-generated oil with our TORS System. This almost same as the properties of the new Oil as per IEC60296 which is deals with the mineral oil used for transformers, Switchgears and other electrical apparatus. It can also remove other polar contaminants in the oil. The great advantage of this equipment is its online feature.

Characteristic	Unit	After Regeneration
Acidity	mg KOH/g of oil	<0.01
BDV	KV	>70
Gas content	%	<0.1
Moisture content	PPM	<5
IFT	Dynes/cm	>40
Tan delta @90°C		<0.001

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