



## Drallim HV Test

# TRANSFORMER OIL PURIFICATION EQUIPMENT

Improve the Efficiency of your Power Plant

Call +44 (0) 1424 205140

or email: [hvtest@drallim.com](mailto:hvtest@drallim.com)



It is well known that during the operation of an oil-filled transformer, the oil becomes contaminated with moisture, gases and solid particulates, which over time degrade the insulation properties of the oil thereby reducing the safety and operational efficiency of the transformer. To ensure the oil is suitable for continued operational use, periodic tests should be performed by transformer operators to check for the concentration levels of these contaminants. Oil **Purification** treatment may be necessary to reduce these contaminants to residual safe low levels\* and to extend the operational life and reliability of the transformer.

**Drallim Industries Limited** are the exclusive UK & Ireland sales and service representative for **GlobeCore Europe**, a leading manufacturer of highly competitive and industry proven oil treatment equipment to purify and regenerate insulation oil used in high voltage power transformers and oil-filled switchgear etc up to 1,150kV.

The outline principle of operation of the GlobeCore equipment is that the used oil is pumped from its source equipment into the GlobeCore purification unit where it then passes through a coarse filter. It is then heated to 55°C - 65°C before entering a vacuum chamber where gasses and water moisture are effectively removed. Finally, the oil passes through a fine micron filter before being returned to the customer's source equipment.

This treatment process increases oil's dielectric strength by effectively removing solid particles, gases and water, thus eliminating the need for expensive oil replacement, and thereby extending the life of the electrical equipment.

If you have any electrical equipment that uses oil as an insulator or coolant, and are considering mobile or fixed plant to purify the oil at competitive prices, we would be pleased to hear from you – so just give us a call and let us provide you with a quotation to meet your service and maintenance requirements.

## Contact us Today

Tel: +44 (0) 1424 205140, or email: [hvtest@drallim.com](mailto:hvtest@drallim.com)

### Drallim Industries Limited

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Cert No 8223  
ISO 9001:2008 Approved Company  
Registered Office: Registered in England No. 606278

### The Drallim Group

Leading innovators in technology and quality

Oil Purification Plants	
CMM 0.16	160 l/h
CMM 0.6	600 l/h
CMM 0.6 A	600 l/h Automated
CMM 0.6 Ex	600 l/h ExProof
CMM 1.0	1000 l/h
CMM 1.0 A	1000 l/h Automated
CMM 2.2	2200 l/h
CMM 2.2 A	2200 l/h Automated
CMM 4.0	4000 l/h
CMM 4.0 A	4000 l/h Automated
CMM 4.0 Ex	4000 l/h ExProof
CMM 4.0 Hv	4000 l/h High Vacuum

  

Degasifiers	
UVM	High Vacuum Degasifiers up to 10 m <sup>3</sup> /h

  

Other	
AD	Air Dryer 150 m <sup>3</sup> /h
UVD - 4M	Vacuum Oil Filler
ZP - 260	Sorbent Cartridges 1.7 m <sup>3</sup> /h
MCU - 4.3	Sorbent Regenerator 4.3 m <sup>3</sup> /h
PPM - 70	Oil Heater 3.2 m <sup>3</sup> /h
URM - 0.7	Oil Regeneration System 0.35m <sup>3</sup> /h

  

* Specifications	
Water Removal - Down to 3ppm on 2 passes to ASTM D1533;	
Gas Removal - < 0.1% by Volume to ASTM D 2945	
Particulate Matter Removal - 98% of particles over 1 µm (UVM)	

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