

DBPC series

REDRAGON

ANTI-OXIDANT INHIBITOR/PASSIVATOR SYSTEM

The DBPC Series Anti-Oxidant Inhibitor/Passivator System from Redragon is a complete system that can be retro-fitted to any make or model of high vacuum degasifier or transformer oil regeneration system. It allows for the addition of an anti-oxidant inhibitor to a transformer during the oil treatment phase of transformer maintenance. The system requires only one pipeline connection to the host degasifier – in the outlet line. The system allows for the use of pre-mixed inhibitor or flakes. The system features a variable speed high quality mixture to ensure good homogeneity in client mixed solutions. The split top lid allows for addition of flakes or liquid inhibitor without the removal of the mixing unit. The use of a precise dosing pump ensures that the low percentages of inhibitor required to dose a transformer are precisely metered.

The unit is complete with a liquid-level glass for immediate visual indication of the inhibitor level in the epoxy-coated tank. The tank is etched on the outside indicating the maximum fill line. An optional electronic level gauge, capacitive, ultrasound or via pressure transducer allows for easy integration into existing PLC control systems and SCADA.

The system is pre-wired for either standalone operation or integration into the host control system.

The standard tank has a capacity of 150 litres which is sufficient for dosing a 10,000-litre transformer with only 1 fill, at a DBPC concentration of 20%.

The DBPC series is available in any voltage and frequency.



(above) The DBPC series Anti-Oxidant Inhibitor System can be retro-fitted to any degasifier. It can also be used to add passivator.

