

www.corrosivesulphur.com

Insulating Oil Portable Test Kit

Introducing very first Portable Corrosive-Sulphur Test Kit, CS1000, conforming to ASTM D1275/B and IEC 62535 procedures, allowing inexpensive, easy-to-follow, compliant corrosive sulphur testing.

KEY FEATURES

- “Conforms to new method IEC 62535 and ASTM D1275/B”
- Contamination Free Testing
- No Sample Preparation:- Individually Pre-cleaned, pre-cut and hermetically pre-sealed copper/paper (IEC 62535) and copper (ASTM D1275/B) sample strips for simple and effective sample handling.
- Easy to use: Simple “step by step” Instructions for both tests included
- All inclusive kit format enabling you to start with 20 tests of each type.
- Specifically designed automated heating block for 8 or 16 samples:- “prepare and walk away” throughput.
- Protective IP67 rated Peli Case.



Catastrophic effects of Corrosive Sulphur:



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Service for the Future



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Corrosive Sulphur Portable Detection Kit (CS1000)

In recent years a number of failures in transformers and reactors have occurred due to copper sulphide formation. These failures have affected varying classes of equipment, usually when operated at elevated temperatures (but within limits) and primarily without warning in commonly used oil tests.

Due to the diversity of copper sulphide appearance, it is highly likely that certain cases were not properly identified. A reason for such failures could be due to arcing between adjacent disks or conductors of a winding, due to the formation of deposits of copper sulphide on the cellulosic insulating paper.

Various forms of sulphur can be present in transformer oil at sub-% levels, such as mercaptans, thiols, thiopens, disulphides and polysulphides, with a number of these sulphur species being highly reactive.

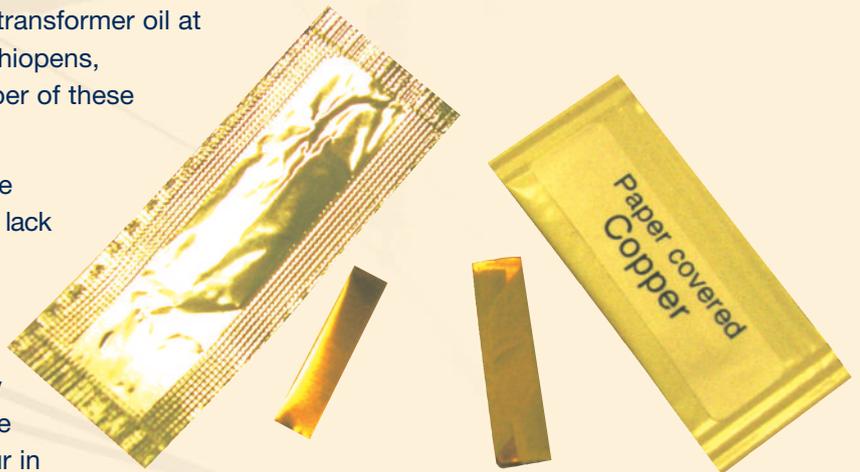
Although these organo sulphur compounds are antioxidants, under certain conditions such as lack of oxygen, high load and high operating temperature, they may change to corrosive sulphur and react with the copper.

Up until now expensive standard laboratory testing has been the only route to determine the presence of potentially corrosive sulphur in the oil.

This new portable test kit, CS1000, enables simple, flexible and rapid testing for all your corrosive sulphur needs.

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Catastrophic effects of Corrosive Sulphur:



- **Easy-to-Re-order,
Test Re-fill Packs**

Once the initial set of 20 test samples have been used, simply order more copper/paper and/or copper-only, test packs from

www.corrosivesulphur.com

**Call our Sales Office for further
information or ordering:**

+44 (0) 1582 747502

www.corrosivesulphur.com

Head Office: 20 Charles Street, Luton, Bedfordshire LU2 0EB
Tel: +44 (0) 1582 747 502 Fax: +44 (0) 1582 747 503
Email: a1-enviro@a1-envirotech.co.uk

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