

MICAFLUID AG

Oil purification systems

Switzerland



Powered by Yucoya Energy Safety Technology

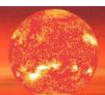


A new generation of online transformer oil analyzing

TranSCoM X3



Yucoya Energy Safety GmbH



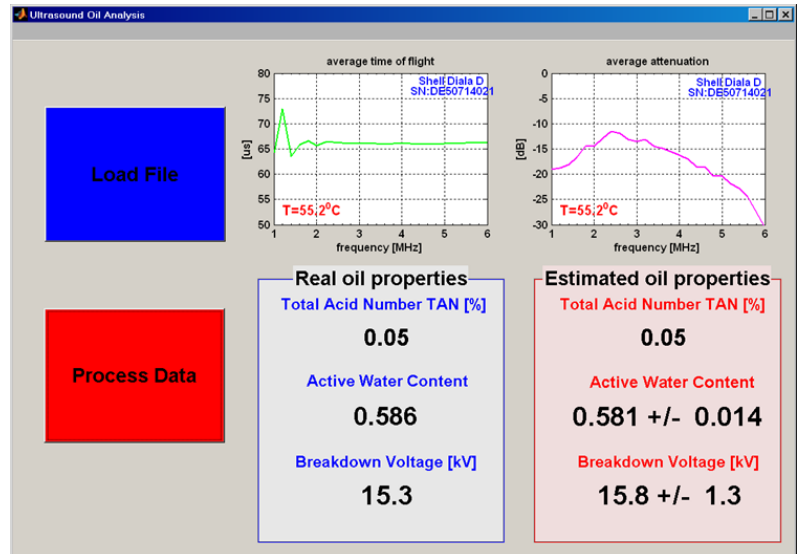
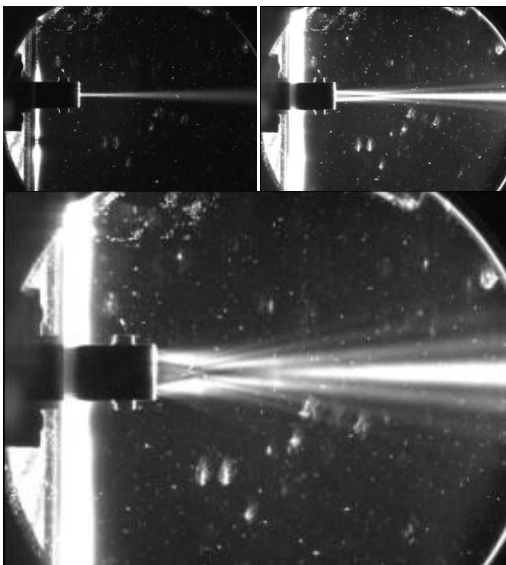
TranSCoM X3 - Transformer Condition Monitoring & Oil Regeneration/Reconditioning

The companies **Yucoya Energy Safety GmbH** from Germany and **Micafluid AG** from Switzerland decided to merge their outstanding technologies to provide power transformers with much greater safety.

A unique **multispectral ultrasound** technology is born from this fruitful cooperation. A new high-performance and a mobile measuring unit have been developed. The integration in oil purification plants is currently under way.

If your transformers suffer from any problem with insulation oil - we solve it!

Analyze oil & react!



Example: one screen-shot from our laboratory software

Now it is possible to measure the actual values of the most important parameters of mineral transformer oils or other insulation fluids **online** and **real-time**.

The following oil features are available now:

- **breakdown voltage (BDV)**
- **relative/absolute humidity**
- **$\tan \delta$**

Further important features like

- **acidity (TAN) & oxidation stability**
- **DP value**
- **viscosity & density**
- **flash point**

will soon follow.

See on the **left** the *acoustic field* of our new ultrasound transducer with 3 frequencies from a 0.5-12MHz band emitted in *parallel*. That's *non-invasive low-energy* measuring!

For more information do not hesitate to ask, we are speaking the same language!

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