

## Seminar Registration

An  
WGM Support  
Technisches Training  
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### Our know-how and training for your success.

Sound knowledge in the practical seminars on oil sampling & dielectric strength.

We at WGM Support combine our offer with measuring equipment from practice and practical know-how transfer to our customers. This has made us known beyond the German borders in the field of transformer seminars.

Transformers, whether small or large, are the backbone of our power supply. To ensure their safe operation, they must be monitored regularly. An increasing importance of diagnostics due to outdated components and at the same time increased requirements regarding a more reliable power supply is indispensable.

The aim is to achieve optimum utilisation and an extension of the service life, especially for transformers used in the nodes of the networks, or to enable a reduction of unscheduled failures.

### The right oil sample! This is the starting point for your further decisions.



Oil sampling



Breakdown voltage



Interfacial and surface tension



Corrosive sulphur

#### Oil sampling

When taking samples, special care must be taken to use separate devices for each type of insulating liquid, which must be completely clean and dry. Depending on the type and size of the sample containers and the required sample quantity, the samples are taken at the existing oil drain cock / outlet valve.

#### Breakdown voltage

The breakdown voltage indicates the degree of contamination by foreign substances, such as cellulose fibres and water. Besides the dissipation factor Tan Delta and the dielectric constant, it is the most important parameter of insulating fluids. The breakdown voltage indicates how well an insulating oil can withstand the electrical load and is thus decisive for the transformer's

#### Interfacial and surface tension

Oxidation and ageing of oils that are subjected to high stress or are used for several years leads to the formation of insoluble, polar components. The interfacial tension can detect these in the oil. It thus enables a statement to be made about the ageing and the remaining service life of the oil.

#### Corrosive sulphur

Sulphur compounds, which may be contained in mineral oils, often give rise to undesirable corrosion of materials. Since not all sulphur-containing compounds present in the oil are also corrosive, the determination of total sulphur is not always a meaningful criterion.

## Seminar Registration

Practise Seminar 1 Oil Sampling & Dielectric Strength	795	Euro / net
Practise Seminar 2 Interfacial and Surface Tension & Corrosive Sulphur	795	Euro / net
Book Practise Seminar 1 & 2 together:	1400	Euro / net

The seminars are held in German. The documents are available in German or English.

Please indicate your preference when booking.

DE  / EN

**We hereby register the following person for the Practise Seminar No. \_ \_ \_:**

### Invoice address:

Company: [\_\_\_\_\_]

USt. Id. Nr.: [\_\_\_\_\_]

Department: [\_\_\_\_\_]

Street / No.: [\_\_\_\_\_]

Postcode [\_\_\_\_\_]

City: [\_\_\_\_\_]

### Participant 1

Mr / Mrs / Title: [\_\_\_\_\_]

First Name: [\_\_\_\_\_]

Last Name: [\_\_\_\_\_]

Email: [\_\_\_\_\_]

Phone: [\_\_\_\_\_]

### Participant 2

Mr / Mrs / Title: [\_\_\_\_\_]

First Name: [\_\_\_\_\_]

Last Name: [\_\_\_\_\_]

Email: [\_\_\_\_\_]

Phone: [\_\_\_\_\_]

Date \_\_\_\_\_ Stamp / Signature: \_\_\_\_\_

The practise seminars are structured as one- or two-day seminars.

The price includes working documents, lunch and refreshments during breaks.

The registration is only binding after receipt of payment and is company- and not person-specific. In the event of cancellation at short notice within 14 days of the start of the seminar, 80% of the seminar fee will be charged. We reserve the right to make changes to the speakers and the course of the events. The seminars are structured as one-day seminars.

Our registration and terms and conditions apply.

## Written consent in accordance with data protection

The personal data specified in the contract, in particular company, name, address, department, telephone number, email, which are necessary and required solely for the purpose of implementing the resulting contractual relationship, are collected on the basis of legal authorisations.

### Agreement to the use of data for further purposes

If you agree to the following uses, please mark them accordingly. If you do not wish to give your consent, please leave the fields blank.

- I consent to the company WGM Support (contractual partner) sending me information and offers on other products by post for the purpose of advertising.
- I agree that the company WGM Support (contractual partner) sends me information and offers on further products by e-mail / telephone / fax\* for the purpose of advertising. (\* in case of consent please delete as applicable)

Place, date [\_\_\_\_\_]

Signature of the person concerned [\_\_\_\_\_]

**Rights of the data subject: Information, correction, deletion and blocking, right to object.**

#### According to German law

In accordance with § 34 BDSG, you are entitled at any time to ask WGM Support (contractual partner) for **comprehensive information** about the data stored about you.

In accordance with § 35 BDSG, you can request the correction, **deletion and blocking of individual personal data** from WGM Support (contractual partner) at any time.

Furthermore, you can exercise your **right to object** at any time without giving reasons and modify or completely revoke the declaration of consent given with effect for the future. You can send the revocation to the contractual partner either by post, e-mail or fax. You will not incur any costs other than the postage costs or the transmission costs according to the existing basic rates.

Detailed information about our privacy policy can be found at the following link: [www.wgm-support.de/datenschutz](http://www.wgm-support.de/datenschutz) .