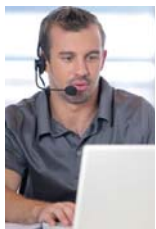




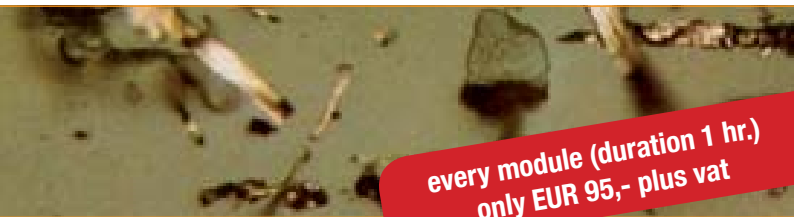
OilDoc

Online-Trainings



Particulate Contamination and Particle Counting in lubricating oils and hydraulic fluids

Online-training with 2 modules



every module (duration 1 hr.)
only EUR 95,- plus vat

Summary:

Contamination is by far the most common cause of faults and failures in oil lubricated machines and hydraulic systems. The adequate cleanliness of lubricating and hydraulic oils is often viewed more as a necessary evil as the key to trouble free operation. At the same time excessive purity requirements can be found in the market born partly of uncertainty and partly from commercial interests.

Like no other measurement method particle counting and the system of cleanliness classes is often misunderstood and misinterpreted in practice. Different counting methods can lead to different cleanliness classes that are liked attributed solely to wrong sampling procedures. However, particle counting and cleanliness classes have a different nature in comparison to other test methods, such as the viscosity measurement. This fact has to be considered in interpretation of the results to be applied successfully in practice. The online course offers a thorough, practical introduction to the subject and demonstrates the efficiency of particle counting technology using case studies.



Dates and registration:
www.oildoc.de/online-trainings



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Easy to attend!

All you need is a broadband internet connection, a current Internet Browser with Flash Player, a headset / speakers for your laptop, PC or tablet and one hour of your time. Thus equipped, take part in our online training - no matter where you are!

The Adobe Connect App is available for Apple, Android and Blackberry tablets, for free.

The series is repeated at regular intervals. So you can always enter new or catch up on individual modules, if you get an appointment inconvenient.

Module 1:

Understand and apply Particle Counting successful

- ✓ Causes and consequences of particulate contamination in oil
- ✓ Standard detection methods
- ✓ Particle counting and cleanliness classes
- ✓ Test dust and calibration
- ✓ Sampling procedures and sample containers
- ✓ Practicable cleanliness requirements
- ✓ Evaluation of test results
- ✓ Case studies

Module 2:

Particle counting technologies

- ✓ Automatic Laser counters
- ✓ Laser Net Fines
- ✓ Optical counting by microscope
- ✓ Manual and automatic counting
- ✓ Pore blockage counters
- ✓ Influence of sample preparation
- ✓ Considering water or air droplets and oil ageing by-products
- ✓ Counting online and offline
- ✓ Evaluation of test results
- ✓ Case studies



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