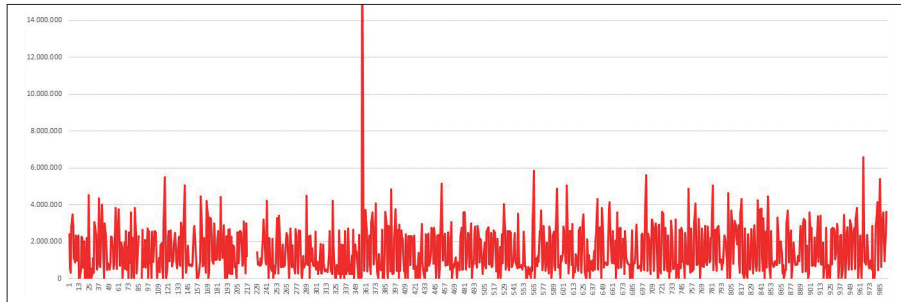


Vibration analysis

We can guarantee good vibrations!



A reliable, fast and cost-efficient solution

During a vibration analysis, the vibrations of rotating parts such as rotors, shafts and rollers are recorded and analysed. This means that defective parts (in a gearbox, for example) can be identified in advance and necessary repairs can be carried out.

Carrying out a vibration analysis? Why?

Regular vibration measurements can prevent a complete failure of a machine or installation.

Another advantage is that the early detection of defective parts means repairs can be carried out at times when no production is being carried out.

- Measurement based detection of vibration patterns in your installation
- Evaluation of vibration spectra
- Determination of damage and recommendations for operation

Your advantages at a glance

- Early detection of faults
- Records of trends
- Preparation of individual reports
- High reliability of assessments
- Advice on vibration analysis

Increased safety for you and your machine as a result of a vibration analysis

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Realising Potential.

A qualified vibration analysis enables you...

to optimise maintenance cycles

- You can use vibration analyses to adapt the maintenance intervals on your machines
- to reduce maintenance costs
- to obtain greater knowledge about the condition of the machine

to extend the lifetime of your machines

- You will find out more about the condition of your machines and can apply this knowledge to use them efficiently. Early detection of imminent damage helps you to avoid a total loss of your machines in the worst case scenario through planned maintenance measures. The early identification of damage through a vibration analysis can save you significant amounts in repair costs

Cost efficiency

- Repair costs make up a major component of operating costs. A vibration analysis can help to reduce operating costs effectively. The costs for an analysis package are low compared to damage to a machine
- The early detection of damage means repairs can be planned in
- Maintenance and inspection cycles can be designed flexibly