

SERVICES

Product Training

FAG SmartCheck and SmartUtility



SCHAEFFLER

Product training on FAG SmartCheck and SmartUtility

Introductory product training

This training course provides an easy introduction to vibration measuring technology.

Participants will be familiarized with selected basic functions of the FAG SmartCheck sensor. They will learn how to put the sensor into operation and to monitor machines by means of trend analyses.

- Every theoretical training unit is followed by a practical training unit for which we provide equipment for every participant so that we can ensure maximum learning success.



Advanced product training

In this training course, participants will learn the basic principles of vibration theory, vibration measuring technology, and vibration analysis, which will be implemented in practice using the FAG SmartCheck sensor.

The knowledge acquired in the introductory product training on the basic principles of the sensor will be expanded and deepened.

The practical measurements carried out during the training course combined with your knowledge of vibration technology, devices, and analyses will help you to make a successful start in the field of machine monitoring.



Workshop

On an optional second training day, the focus is placed on the practical use of the FAG Smart-Check sensor. Together with the trainer, the training content of the introductory and advanced product training courses will be deepened and implemented in practice.

Machine diagnostics

Observations regarding design, motion sequences, and the possible resulting failures and defects will be made based on various machine parts.

On the basis of this analysis, calculations will be carried out that go into the configuration. After measurements on the machine parts have been performed, the typical frequencies will be analyzed.

Errors and defects will be identified and classified and possible recommended actions be discussed.



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