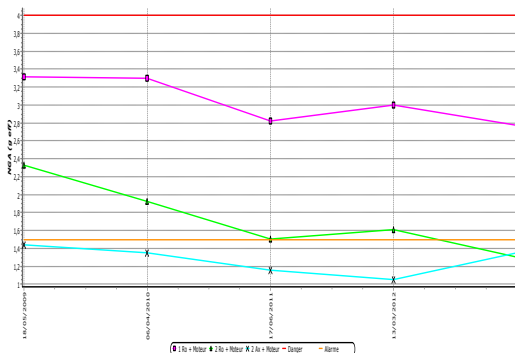


Vibratory monitoring of rotating machines with the CTMO®

When and why ?

- Complex machines
- Slow-speed machines
- Isolated site
- Immediate opinion
- Rear base analyses



The results

- Advanced analysis by expert in rear base
- Quick recording via 4 channels
- Centralized transfer of data
- Simple real-time indicators
- An expert by your side

Principle

It is based on measurements taken on site by the customer or by EES – Dynae, and the data being analysed in the rear base by the experts at EES – Dynae. This method is made very efficient by the fact that the CTMO® records the raw vibratory signals, instead of directly measuring spectra or overall levels like usual data collectors do. The expert at EES – Dynae thus has complete signals to carry out the processing operations he required to perform the diagnosis.

Taking measurements

The CTMO® is a time signal collector developed by EES – Dynae which records the vibrations in real time on 4 channels, like a recorder. The operator monitors the rounds scheduled and can add additional measures. The screen displays the vibratory signals and various monitoring indicators.

Preliminary diagnosis in real time

During the measurement, the display of the overall levels with the history of the two previous measurements and the comparison at the comparison at the thresholds alerts that there is an anomaly.

Viewing the spectrum makes it possible to identify the origin of the levels. Thus, the operator detects on site any significant change and identifies the machines with an alarm.

An expert by your side

The signals from the machines which requires it are sent to EES – Dynae to carry out the health check on the equipment, the fault diagnosis and provide recommendations. In order to do so, the expert uses DynamiX® making it possible to post-process the time signals according to a predefined programme, or in a personalized manner. The report is sent in the form of a summary table, and diagnosis sheets per machine..

Some references

Measurements and analyses by EES - Dynae

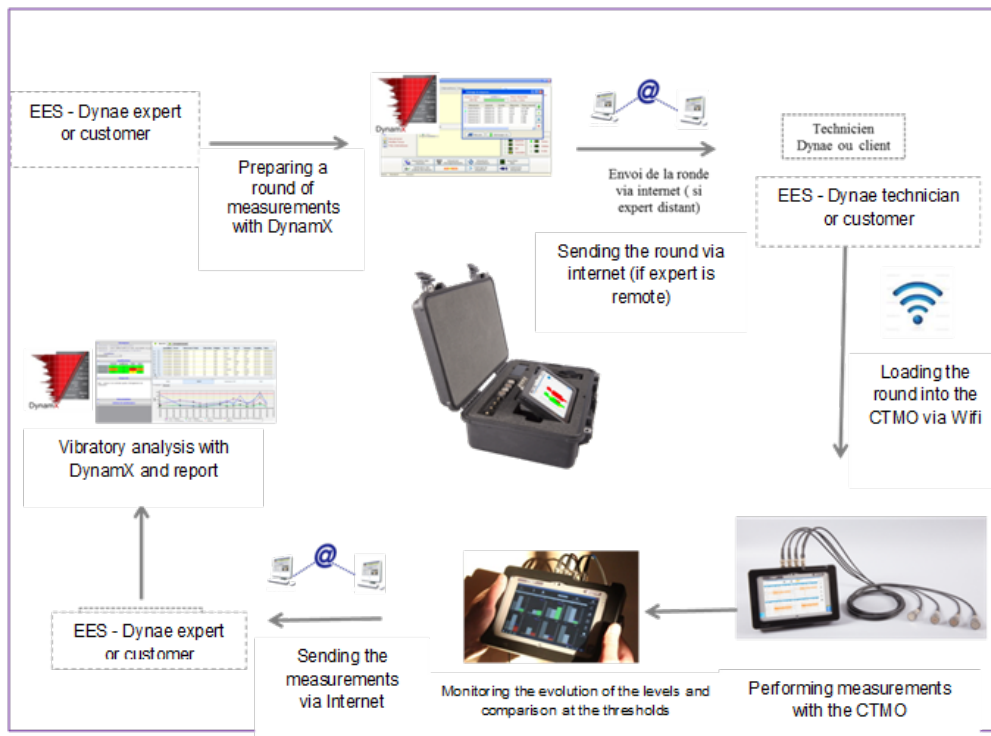
AIR LIQUIDE
BASF
EDF
EVERGREEN
CONSTELLIUM
EUROFOIL
KERNEOS
JOHN DEERE
VICAT
LAVERA ENERGIE
SMURFIT
AJINOMOTO
COCA COLA
COOPER STANDARD
NESTLE SNECMA
AUBERT ET DUVAL
COFELY AXIMA
NOVERGIE
WRIGLEY

Measurements by the site and analyses by EES - Dynae

DALKIA
BERLUCCHI
LYONDELL BASEL
LILLY
LAFARGE NIGERIA
SEQUARIS
SETIC

Measurements and analyses by the site

ARCELOR MITTAL
AREVA TA
EDF DTG
SANOFI
MELOX
COLAS
PHOTOWATT
ASCOMETAL



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