



DO YOU KNOW?

VSHOOTER® AUTO FFT Spectrum – What is it?

A **FFT Spectrum** is a digital processing technique to analyze a signal waveform to have information of its frequency and amplitude parts. It is helpful to find the vibration defaults we could have on a machine.

In the VSHOOTER®, SYNERGYS TECHNOLOGIES has included an AUTO FFT spectrum which is taken under vibration Alert (●) or Alarm (●).

What can you see on the **FFT (both V (mm/s) and A (g))**?

Machine name, date & Measurement point name (RV-RH-AX)

Detail of each Max3 amplitude in V-FFT:

> RMS-FFT Amplitude value (mm/s)

> Default type- ?

(depending if it is harmonic (H1 to H8) or other else ? (F1 to F3)

Detail of Bearing default in A-FFT (S for shock, L for Lubrication)

V (mm/s)-FFT is from 2 to 500 Hz, A (g)-FFT is from 2 to 10.000 Hz.



SYNERGYS
TECHNOLOGIES

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AUTO FFT
SPECTRUM (V&A)

MACHINE SPEED
+ MEASUREMENT
+ ALARM (● ●)
= AUTO FFT

AUTO DIAGNOSIS WITH
ALARM FFT SPECTRUM
&
MACHINE SPEED

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