



HDENV

A NEW ERA IN VIBRATION ANALYSIS

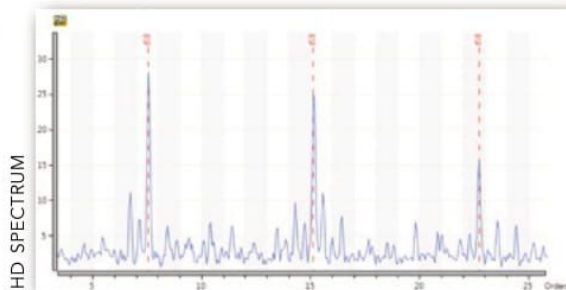
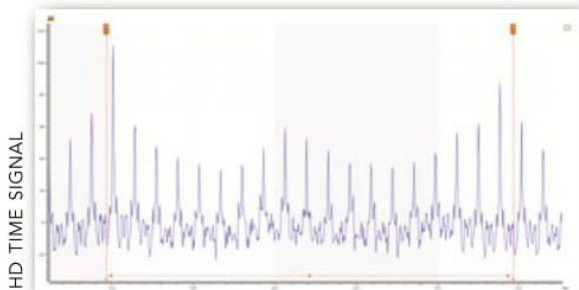
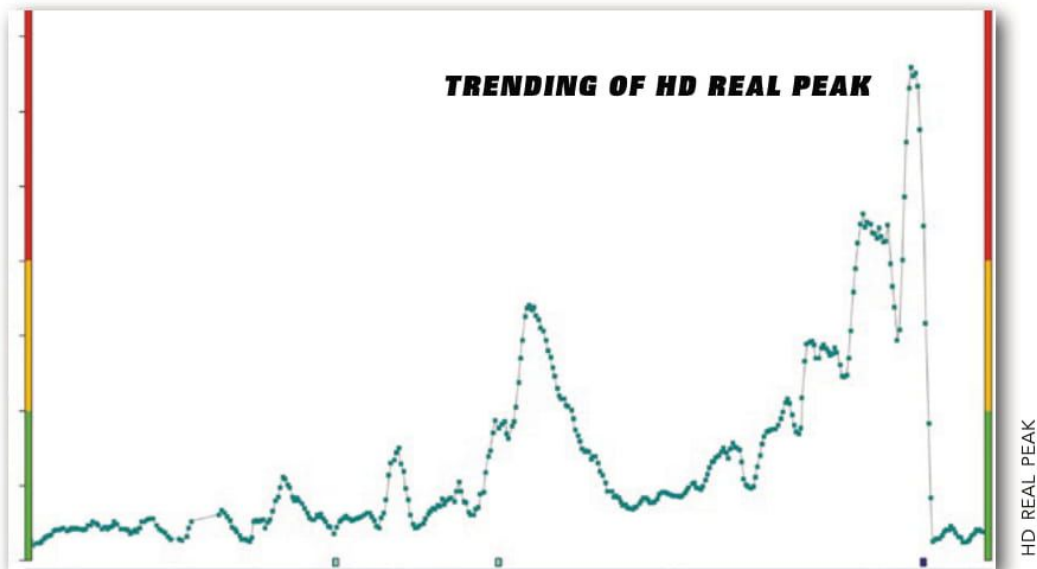


**HD ENV IS A UNIQUE VIBRATION ANALYSIS
TECHNIQUE PROVIDING FANTASTIC OPPORTUNITIES
TO PLAN MAINTENANCE AND ENSURE PRODUCTION**



- Follow gear and bearing damage throughout its development – gain extremely long pre-warning times
- Preventive maintenance with maximum planning horizon
- Ease of use with predefined filters for damages in all stages
- Instant evaluation in green - yellow - red
- Identify impact related events such as gear and bearing damage with help of exceptionally clear spectrums and time signals at very low to extremely high RPMs
- Get started right away - use your existing transducer installation





HIGH DEFINITION ENVELOPING TECHNIQUE

HD ENV

The new and patented HD ENV[®] technique is a transition in technology to a new era in vibration monitoring. Capable of detecting at a very early stage such machine problems which are generally difficult to find in good time with non-enveloping techniques - for example gear and bearing damages - the method utilizes cleverly engineered algorithms for digital signal processing to obtain optimal data for trending purposes. HD ENV can be used to monitor applications in the entire RPM range up to 40000 RPM.



HD ENV

- extremely long pre-warning times
 - maximized planning horizon
 - fully utilizing asset life
 - cutting repair costs
- minimized unplanned downtime

HD ENV is supported by SPMs portable and online systems. The technique can be used with existing vibration transducer installations and thus quickly and easily integrates into existing industrial infrastructures.

