

SPM HD



SPM[®]HD is a development of the well known and reliable True SPM[®] method, commonly recognized as the best method for measuring bearing condition on rotating machinery.

Highly advanced digital technique and RPM-based sampling frequency makes it particularly well suited for condition monitoring on low speed machinery. Extraordinary signal quality and 24 bit A/D conversion provides razor-sharp resolution and exceptional detail in spectrums and time signals. Time signals are very easily interpreted; the type and extent of the damage is therefore simple to determine. Occasional measurements will provide a reliable diagnosis. Up to six months forewarning gives ample time to plan maintenance and repairs.

- Particularly well suited for low speed machinery
- Razor-sharp spectrum and time signal resolution
- Exceptionally detailed results
- Pattern recognition for signal source verification
- Simple identification of damage type and extent
- Automatic green – yellow – red evaluation

SPM[®]HD





Hallsta Paper Mill measures bearing condition with SPM®HD

"Since April 2009, we have been engaged in a project together with SPM, where we have measured bearing condition on four of our twin wire presses with SPM®HD. To maintain pulp quality, it is essential that these presses work properly. Any breakdowns also lead to major costs for damaged rolls. Over the years, we have tried a number of different measuring techniques on these presses, but SPM®HD is the first one to detect developing bearing damages. The measuring technique is very reliable and has not generated any false alarms; every time the system has indicated damage, it has proven correct when we dismantled the bearing. The forewarning time has been as long as up to six months.

The technique is easy to use and the measuring results are easily understood. Thanks to SPM®HD, we have found six damaged bearings which we have been able to attend to through planned replacements."



Per Ljungström

Preventive Maintenance Engineer
Hallsta Paper Mill

INTELLInova®



SPM®HD is the unique solution to the problems involving condition measurement on low speed machinery. It sets a new standard for modern condition monitoring and can be used successfully on all types of machinery. With SPM®HD, SPM

consolidates its position as a leading supplier of innovative solutions for condition monitoring and preventive maintenance, and the successful online system Intellinova® is now supplemented with an SPM®HD monitoring unit.



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