

F'IS Customer Newsletter

January 2006



Successful vibration measurement below ground

After frequent failures of the machines used at one longwall face in a German coal mine, the operators contracted the F'IS team to find out the cause. A real challenge for the vibration diagnosis experts as measurements below ground are possible only under rough ambient conditions such as extreme heat and dust. The measurements conducted on the planetary gears in the drives of the face conveyors revealed irregularities in the gearing. The F'IS service team recommended to conduct measurements on a regular basis. Thus, the customer is able to maintain control of their machines and prevent costly unplanned downtime periods. And that is worth gold as such a failure can quickly result in a whole day's production loss.

[More info \(click here\)](#)



Quite a challenge: Mounting a rolling bearing in the desert

Mounting a slewing bearing with an outside diameter of 3760 mm and a weight of 2500 kg correctly is not everyone's cup of tea. But if the task is made even harder by difficult working conditions such as heat, wind and dust, it requires experienced experts. Just the right job for the F'IS mounting team. Recently, the mounting of a large slewing bearing into a bucket wheel excavator at an Egyptian cement mill required utmost care and concentration. Again and again, the F'IS expert had to fight against the aggressive dust as correct bearing mounting requires absolutely clean ambient conditions. Due to the expert mounting done by F'IS the customer can now utilize the bearing's life optimally and there is nothing standing in the way of achieving maximum plant availability.

[More info \(click here\)](#)

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F'IS fairs and events in 2006

In 2006, F'IS will again participate in numerous fairs and events all over the world. Highlight will be the Maintain, the international trade fair for industrial maintenance, from Oct 17th – Oct 19th in Munich. Apart from a number of trade fairs where F'IS will make an appearance together with Schaeffler KG (e.g. WindEnergy in Hamburg, Zellcheming in Wiesbaden or Innotrans in Berlin), several workshops for customers from various industries as well as a technical-press workshop will be held. Detailed information is provided by the current event calendar, which is now available on the F'IS web site.

[Event calendar \(click here\)](#)

**Any further questions?
Get in touch with us...**

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