

F'IS Newsletter

September 2008



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Expert Mounting of Bearings Saves Enormous Costs

One of the world's largest steel makers wanted to outstrip three converters at one of its plants in India. The company turned to the services of F'IS to ensure fast and professional mounting of the large bearings and housings for converter 2. To make the procedure more efficient, the F'IS mounting expert who had been sent to carry out the job heated the bearing with an induction heating device, FAG Heater1200. Then the rolling bearing was pushed onto the shaft and fastened, followed by a final check. By means of the induction heating method, bearings can be heated three times as fast as with the conventional oil bath method. The resulting reduction of the shutdown period saved the customer € 3 million.



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

Careful Dismounting of a Roller Press Bearing

A full service provider in the cement and minerals industry detected a crack in the wearing shell of a roller press. As this is a production-critical element, it had to be replaced as soon as possible. To this end, the large spherical roller bearings at both ends had to be dismounted. However, it was impossible to move the floating bearing. So the customer turned to F'IS for help. A F'IS fitter immediately travelled to the plant and loosened the bearing's fit carefully so that it could be removed from its tapered seat. In this way, damage to the bearing in further attempts of the customer's personnel to withdraw it was avoided. In the worst case, such damage would have meant losing 37.5% of the plant's annual production (€ 30 million) as the customer did not have a spare bearing and the delivery period for a new bearing would have been nine months.



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

Online Tutorial on FAG Detector III

Very easy access to the world of vibration monitoring is provided by the new entry-level, plug and play model of FAG Detector III. Since early September 2008, we offer additional information in an online tutorial. In a film and 3D images it explains graphically how the device works and how it is used. Many customer examples show how considerable savings can be realised in any industry with the help of FAG Detector III, often more than € 10,000. You can find the new online tutorial, selected Smart Performance Solutions as well as additional information on FAG Detector III at www.FAG-DetectorIII.com.

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

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