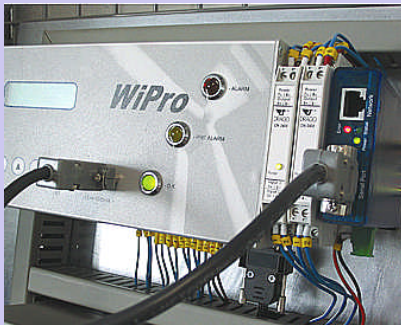


F'IS Customer Newsletter

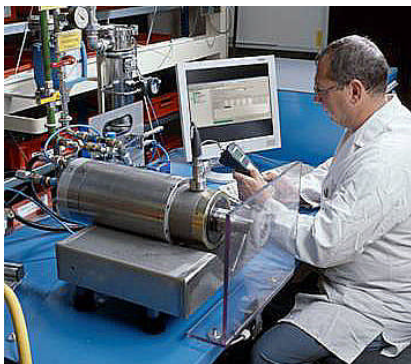
September 2005



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

Germanischer Lloyd certifies WiPro and F'IS Service

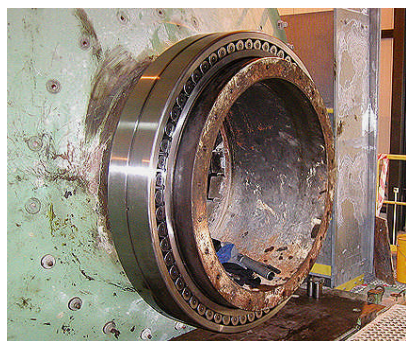
After a thorough examination, Germanische Lloyd WindEnergie GmbH has certified the CM system *FAG WiPro* and the F'IS online monitoring center in Herzogenrath. This is already the second seal of quality granted by an insurance company for this online condition monitoring system, which has been developed especially for wind turbines. The first certificate was granted by Allianz Zentrum fuer Technik in 2003. This certification by Germanischer Lloyd makes F'IS one of the few service companies that have not only a certified CM system to offer but a certified online monitoring center as well. Germanischer Lloyd thus officially confirms that F'IS has many years of expertise in the development of CM systems as well as a high service standard and an outstanding know-how.



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

Preventive maintenance of grinding spindles

The use of F'IS vibration measuring instruments at grinding spindles in two FAG manufacturing facilities in Schweinfurt is contributing to a significant improvement in maintenance quality. The condition monitoring systems constantly analyse the diagnosis parameters, helping to assess the increase in wear on spindles. This enables maintenance experts to plan the required maintenance work in a convenient manner. The system gives an early warning of total failure, enabling the maintenance staff to arrange a repair date with the production department in good time. This avoids costly repair work and consequential damage. Online monitoring with the permanently installed system DTECT X1 is used for particularly critical spindles, whereas offline monitoring with FAG Detector units is used for mobile spindles.



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

They always have a solution up their sleeves: F'IS fitters in Poland

A team of F'IS fitters had to replace an FAG 248/1320 bearing in a ball mill in Poland. The bearing (with a bore diameter of 1320 mm, an outside diameter of 1600 mm, a width of 280 mm and a weight of 1320 kg) had been badly damaged. The outer ring of the old bearing had broken into several pieces. The inner ring had cracked and had been creeping on the journal, damaging it in the process. It took a considerable amount of emery grinding and polishing to restore the seating areas to a condition that permitted the fitters to mount the new bearing. After heating the bearing to ca. 100°C in an oil bath, which took five hours, the fitters pushed it onto the journal without problems. Due to the comparatively quick termination of the work, machine downtime could be reduced to a minimum.

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

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