

# F'IS Newsletter

September 2009



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## Service contract increases plant availability

India's largest zinc producer, Hindustan Zinc Limited (HZL), has expanded the condition-based maintenance to all components of the plant on its Debari site. The customer signed a service contract with Schaeffler Group including the permanent on site support of two Field Service Engineers (FSE) for a period of three years. Process-critical machines are checked on failures weekly and less critical monthly. After the first three months the FSE detected a misalignment and a worm shaft bearing damage on a process-critical gearbox. Due to the early detection a failure expansion was avoided and a fast repair could be carried out within a planned shutdown. This resulted in savings of more than 30,000 Euro.



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## Minimised Downtimes on the Reversing Stand

For monitoring the spindle support bearings on the two-stand reversing mill, Corus uses the FAG DTECT X1 at the production plant in Skinningrove (Northern England). Initially the bearing inspections were carried out by visual inspection only. This process was time-consuming and labour-intensive. As a result, the Corus Maintenance Team was instructed to carry out regular condition measurements. For safety reasons Schaeffler UK recommended installing an FAG DTECT X1 system. Within the first week of operation, the system discovered two faults on different components of the plant. Through this, two unplanned, time-consuming and cost-intensive failures could be prevented. As a result, the investment had already paid for itself in no time.



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

## Fast Support in Bearing Supply

Due to the fast support of Schaeffler SCA Hygiene Paper in Mainz-Kostheim (Germany) was able to avoid a long-term downtime. The production loss costs of the paper machine are about 20,000 Euro per day. A bearing in the customer's paper machine failed and he needed urgently a spare bearing. After having failed to order the required bearing from other suppliers short notice, he got in contact with the responsible Schaeffler FSE, who was able to find the necessary bearing in Northern Germany within a few hours. The bearing was delivered at the evening of the same day. Consequently, the paper machine could be commissioned again the following day. Through the fast and uncomplicated support, the customer received a new bearing from Germany within twelve hours. Thus, the delivery and downtime costs could be kept as low as possible.

**Any questions?  
Get in touch with us ...  
We'll be pleased to help!**

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