

F'IS Customer Newsletter

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F'IS Success Story: Condition monitoring of a bucket wheel reclaimer in Chile

With this new CM application, F'IS is further extending its activities in South America. The bucket wheel reclaimer, which was built by FAM (Foerdermaschinen Magdeburg) and is used in an open pit copper mine in Chile, has been fitted with several DTECT X1 systems. In rough environmental conditions, far from all civilization, the condition of the giant's bucket wheel bearings and bucket wheel drive as well as the head pulleys of the belt conveyors is monitored. The data is transmitted to the control center. If an alarm is triggered, the monitoring system provides operators with objective data that enable them to plan the required maintenance activities. This is of immense importance for – due to the remote geographic location of the copper mine and the resulting difficulty of obtaining replacement parts quickly - the mine operators cannot afford any unplanned downtime.



Expansion of teleservice contract in a steel plant

First-class service pays off: For three years now, F'IS has been monitoring converters in a steel plant of the Salzgitter Group with great success. At first the service contract, which initially was limited to one year, provided for monitoring of the blower of one converter by means of a DTECT X1 system. Recently, the contract was renewed for the third time. As F'IS has detected several cases of beginning damage over time, saving the customer the costs of consequential damage, the monitoring activities have been extended to the blowers of a total of three converters.



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The F'IS service of the month: Maintenance of wheelset bearings

Wheelset bearings are subjected to extreme loads. That is why they are among the most important safety-relevant components of rail vehicles. At the new bearing maintenance center in Schweinfurt, the F'IS team offers the service of safe and expert dismantling, cleaning and refurbishment of bearings made by all manufacturers. At the center, which is equipped with a twin-chamber washing facility, all cylindrical and tapered roller bearings up to a width of 180 mm and with outside diameters of up to 280 mm can be serviced. With this new service, F'IS helps operators achieve the desired maintenance intervals safely and without problems, thus saving time and money.

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

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