

Vibrating screens avoid premature wear of motors in mining applications

A digital system issues maintenance-oriented warnings before standard DCS alarms

SITUATION

Motors at mining site

Failure of automatic lubrication system can cause premature wear of bearings and motor life cycle shortage

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SOLUTION

Dashboard, Asset Reporter and Faceplate details detecting

- Considerable torque amplitude variation between motors installed on first and second stage of the screen.
- Torque amplitude difference between motors of similar vibrating screens at the same operational condition
- Condition Monitoring System integrated to DCS

SCOPE OF DELIVERY

- [ABB Ability™ Asset Vista Condition Monitoring for mining](#)

SUCCESS

Production, repair and spare parts savings

- Maintenance-oriented warnings before standard DCS alarms
- Extended asset life
- Prevented downtime

BENEFITS

