

# Online- Condition Monitoring



## The Online-Condition Monitoring System by Off-Highway Powertrain Services (OHP Services) provides the best possible solution to reduce the risk of unplanned shutdowns.

*OHP Services provides a flexible and customized monitoring system tailored to your requirements. Machine components such as cardan shaft, motor, gearbox and bearings are monitored using measurement sensors and the data is transferred to our monitoring experts. Online-Condition Monitoring is the right solution for critical powertrains and unstable processes where failure may result in higher costs, loss of productivity, poor quality and interruption to customer supply.*

*Based on years of experience in powertrain technology, OHP Services has developed proprietary algorithms and processes specifically for the analysis and monitoring of bearing degradation in cardan shafts.*

### Our Deliverables:

- ▶ As a first step, OHP Services advises you on the right monitoring strategy for your individual risk category.
- ▶ OHP Services designs and installs the customised monitoring technology. Our solution can also be integrated into an existing condition monitoring strategy.
- ▶ Our ISO CAT IV certified monitoring specialists perform regular analysis and diagnosis taking into consideration changes in wear, load and grease conditions.
- ▶ Our Online Monitoring Cloud solution enables 24 hour monitoring and fault notification.
- ▶ Monthly reports are created, providing information in a simple and relevant manner.
- ▶ Further corrective maintenance services such as alignment, repair and replacement, overhaul, inspection etc. can be carried out to support the customer during a planned shutdown.

### Customer Value:

- ▶ Increase in reliability due to early detection of faults before problems materialise
- ▶ Increased service life of the powertrain components through a proactive maintenance strategy
- ▶ Diagnostic services for the complete powertrain system
- ▶ Minimise risks arising from possible component failure to people, property, quality, etc.
- ▶ Access to OHP Services special expertise in detecting bearing degradation in cardan shafts

