

High-Tech Analysis



High-tech analysis is the application of specialised technologies to determine the root cause of problems within a powertrain system. Appropriate technologies are selected depending upon the individual (customer) system requirements. These include: vibration analysis, endoscopy, thermographic measurement, balancing, alignment check.

This service is especially useful to customers when their powertrain systems are not performing as per expectations; resulting in frequent breakdowns, variable quality and higher operating costs. High-tech analysis enables early identification and rectification of fundamental powertrain faults, leading to minimised risk of unplanned machine downtime.

Our Deliverables:

- ▶ Our experts provide a holistic evaluation of your complete powertrain to ensure a full understanding of all the factors which influence the performance of the system. This enables Off-Highway Powertrain Services (OHP Services) to ascertain the true root cause of any problems.
- ▶ Utilising the appropriate analytical techniques, OHP Services provides a customised solution to optimise your system's performance.
- ▶ Detailed reports with hard facts and recommended actions are generated to support maintenance decisionmaking.

Customer Value:

- ▶ Early identification of fundamental powertrain faults
- ▶ Minimised risk of unplanned downtime
- ▶ Optimisation of production and maintenance processes
- ▶ Improved service life of components upon realisation of corrective actions
- ▶ Customer specific solution package and simple solution-oriented reports