

# Gearbox Inspection



## The gearbox is one of the most critical components of a powertrain system.

*Any breakdown may lead to serious damage and unplanned downtime. However, due to the closed design of the gearbox; condition monitoring methods are often difficult to implement. Hence, other measures such as inspection, endoscopy etc. are often necessary to recognise wear in time; so that preventative actions can be implemented. Off-Highway Powertrain Services (OHP Services) Gearbox Inspection Service provides a comprehensive check of the condition of your gearbox.*

OHP Services service experts, working with comprehensive procedures and checklists, ensure that all critical details are covered. **The service experts have decades of experience working on industrial gearboxes across different industries including chemical, paper, marine and steel.** Results of the inspection are reported in an easy to understand format with detail explanations. Follow-up actions can then be planned.

### Our deliverables

- ▶ Using state of the art technology, inspection is carried out on
  - housing to check the general condition; identify leakages if any etc.
  - inner components of a gearbox such as gears, bearings and inner housing
  - lubricant to check for wear particles and foreign bodies
- ▶ Optionally, laboratory lubrication analysis can also be performed
- ▶ A detailed inspection report including recommendations is provided; a detailed presentation of the report can be held on-site upon request

### Customer Value:

- ▶ Early identification of wear and faults which may lead to more serious damage
- ▶ Minimised risk of unplanned downtime
- ▶ Possibility to plan follow up maintenance activities
- ▶ Optimised planning of spare parts availability and stocks
- ▶ Gearbox evaluation from a third party; independent of the gearbox manufacturer
- ▶ OHP Services can service your full powertrain system: one service provider

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