



ProVID provides a number of advantages for the operation and maintenance of your ropeway system:

- Monitoring of bearings, teeth and oil quality with the aim of reducing operating costs by reducing chemical analyses of oil and oil changes as well as by early detection of potential failures
- Reduction of total costs of ownership (TCO) by specific preventive maintenance actions
- Scheduling of maintenance works as needed (reduction of downtimes, consideration of seasonal factors) through permanent status documentation and recommendations for auditing work actions
- Prevention of secondary damages and reduction of repair costs

Furthermore, as proof of regular system maintenance, all service reports (oil analysis, repairs, annual reports) can be made available online in the dashboard.

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Prevent gearbox damages!

Performance Management
System ZF ProVID®

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Performance Management System ZF ProVID

ZF ProVID® is the innovative performance management system for the entire driveline. Based on many years of application experience and expertise in the field of vibration measurement and analysis, ZF develops customer-specific algorithms as the prerequisite for a qualified evaluation of operating conditions.

ZF ProVID offers real benefit. In conjunction with variable sensor technology based on tested industry standards as well as a cloud-based ZF solution, a multitude of relevant data can be generated:

- Vibration engineering data on gearing and bearings from gearboxes and other elements
- Oil properties in relation to the service life of the driveline

An evaluation of the condition of the installation and a status report including a recommended course of action for the operator are generated from these data using ZF algorithms.

ZF ProVID processor



Dashboard

All processed information is displayed on a user-friendly dashboard. The generated condition evaluation is then used to create a report including a recommended course of action for the operation of the system.

