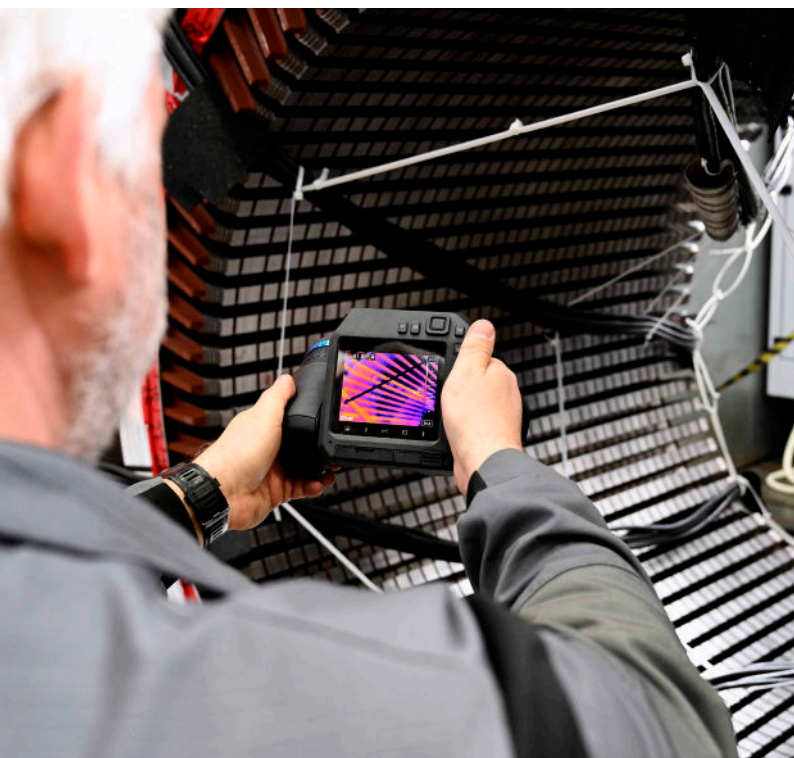
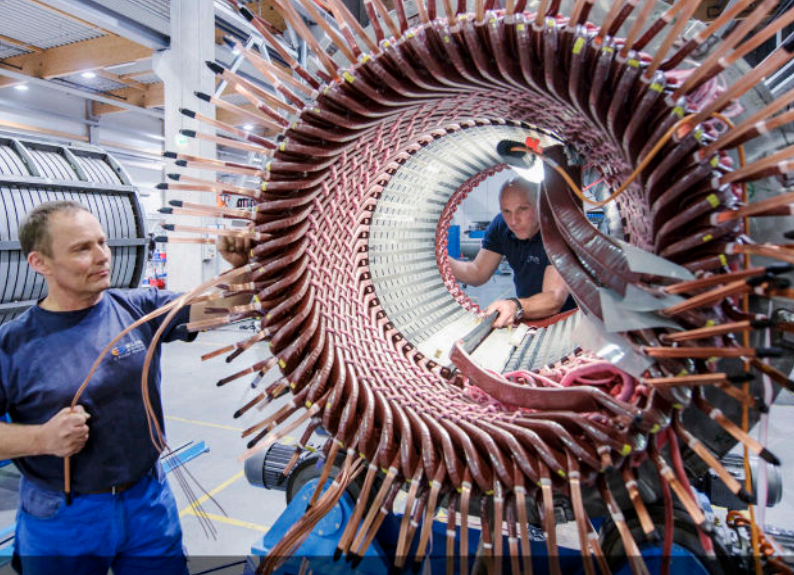


After Sales Service Portfolio Overview





Optimize the quality and efficiency of your machine

We offer a wide range of services to ensure that your machines operate reliably and are always in top condition. Our highly qualified technicians are well-trained and have many years of experience in maintaining and repairing electric motors and generators.

Condition assessment (1 day)

- Customer site visit and visual condition assessment
- Short endoscopy
- Inspection of the oil piping for leaks and tensions
- Inspection of heat exchanger for contamination, leaks, corrosion, and damage
- Detailed documentation and reporting

Service at ELIN Motoren (5-6 weeks)

- Electrical checks on the machine
- Rewinding / replacement winding of in-house and other brands, VPI and Resin-Rich winding
- Replacement and renewal of components
- Rotor balancing
- Exciter refurbishment and renewal
- Modernization of all machines
- Detailed documentation and reporting

Service at the machine site (3 days)

- Sliding bearing inspection AS and ES side
- Electrical measurements (insulation and resistance)
- Inspection of all important connections and connections for cleanliness and tightness
- Check of rotor grounding and measuring brushes
- Check of air gap exciter machine (PMG)
- Cooler service (additional 1.5 days)
- Detailed documentation and reporting

Measurements on site (1,5 days)

- Measurement of winding and insulation resistances
- Determination of the polarization index withstand voltage test
- Dissipation factor and partial discharge measurement
- Testing of the monitoring equipment
- Detailed measurement report



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