



## Operation

# Mobile vibration analysis

## Your requirements

- **Increased operational reliability** thanks to early identification of damage
- **Targeted condition analysis** in the event of one-off or regularly occurring faults
- **Maximum planning certainty** in relation to the maintenance activities required
- **Inspection of the drive technology** while production is ongoing
- **Consideration of potential influences** on drive peripherals

## Our services

- Inspection and photographic documentation of the machine or system
- Determination of the operating conditions, e.g. environmental influences, shift patterns
- Inspection for external damage, wear and soiling of the drive technology component
- Definition, marking and photographic documentation of the measuring points
- Performance of the vibration measurement on the entire drive technology component. If necessary, this includes influential drive peripherals, e.g. couplings, fans
- Processing and analysis of the measured vibration data and comparison with the relevant standards
- Determination of the condition of the drive technology components inspected and formulation and documentation of any recommended courses of action that may be necessary
- Drawing up of a service report based on a detailed frequency analysis for each measuring point and taking account of any damage, wear, or other anomalies discovered
- Creation of a trend analysis based on a comparison with previous vibration analyses

## Your benefits

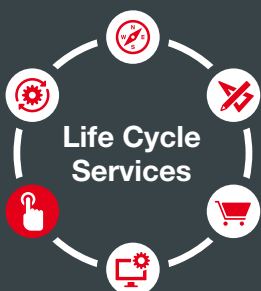
- **Lower downtime costs** thanks to early detection of damage and weak points
- **Prevention of production disruption**, since measurements are taken while operations are ongoing
- **Ability to plan maintenance activities** for the drive technology and for individual parts that are showing early signs of damage
- **Optimization of the vibration behavior** in the drive technology and drive peripherals, thanks to a holistic assessment
- **No need to invest** in in-house measuring equipment or staff training



## > This may be of interest to you

### Supplementary services

- Examination with an inspection scope
- Oil analysis
- Condition monitoring
- Spare Parts Service
- Repair
- Express assembly
- Retrofit
- CDM® – Complete Drive Management



Mobile vibration analysis is part of our full service package for the entire system life cycle.

> [www.sew-eurodrive.de/en/life-cycle-services/](http://www.sew-eurodrive.de/en/life-cycle-services/)

**SEW  
EURODRIVE**

SEW-EURODRIVE GmbH & Co KG  
Ernst-Blickle-Str. 42  
76646 Bruchsal/Germany  
Tel. +49 7251 75-0  
Fax +49 7251 75-1970  
sew@sew-eurodrive.com

→ [www.sew-eurodrive.com](http://www.sew-eurodrive.com)