



# Comprehensive service package for winder gear units Inspection & maintenance on site

A worn gear unit can cause vibrations, winding errors, higher power consumption or defects in the gear unit itself, resulting in a breakdown of the winder. In a worst-case scenario, this can lead to a shutdown of the entire paper machine. To ensure a long lifetime and low wear, we recommend that your gear units are maintained regularly.

We are happy to put together a customized inspection or maintenance package for you to ensure optimum functioning and maximum lifetime of your gear units.

#### Services for gear units

- Running noise analysis
- Temperature analysis
- Gear backlash check
- Snug fit check
- Tooth contact pattern check
- Oil analysis

**Excellent service for your gear unit**



**Perfectly maintained gear units guarantee a smooth run**



**Our commitment to get the best solution for you**

If defects are identified the repairs are either carried out on your premises or at a specialized Voith workshop. Depending on the type of damage you will additionally receive a customized replacement part or repair offer.

**Types of gear units**

<b>Spur gear</b> E – 160L E – 400L	VariDur, VariStep
<b>Double spur gear</b> 2E – 160L 2E – 200L	VariDur
<b>Bevel gear</b> KE – 200L KE – 600L	VariFlex
<b>Bevel gear</b> KEV – 300 KEV – 450	Unwinders
<b>Bevel spur gear</b> KZ – 280L	Unwinders
<b>Center drive</b> Light	VariPlus, VariTop
<b>Center drive</b> Heavy	VariPlus, VariTop
<b>Disengaging unit</b> AE 15, 35, 75 and 100 e.g. gears with disengaging units Type E – 400 AE – 75 – 2 H	Unwinders

Other types of gear upon request

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