

# Instruction Manual

## REWITEC® DuraGear® W100

### Treatment of Gear Units and Bearings of Wind Turbines

- The REWITEC® technology helps to restore worn metal surfaces, provided these have been subjected to normal wear and have not been destroyed by mechanical influences.
- If oil filters with a mesh size of  $<30\ \mu\text{m}$  be built in, these will have to be switched off, be bridged or replaced by a filter with a mesh width  $\geq 30\ \mu\text{m}$  during the time of treatment. Be sure to observe the advice given further down below on filters!
- The dosage of the product is 1 ltr. DuraGear® W100 per 100 ltr. gear oil volume (1:100).
- Following the treatment, an oil change could be carried out the earliest after 500 operating hours.
- In case of any questions or suggestions, please contact us under [support@rewitec.com](mailto:support@rewitec.com) or by telephone **+49 6441 44 59 90**.

### Application

1. The gear unit should have reached operating temperature. The REWITEC® DuraGear® W100 should have room temperature.
2. While the treatment takes place, the oil filters must be switched off, be bridged or removed temporarily:
  - Replace or remove filter  $\geq 30\ \mu\text{m}$  with a new or supplied filter \*)
  - If necessary switch off existing fine filter  $\leq 30\ \mu\text{m}$  for the duration of 500 operating hours
3. Shake the bottle(s) well for about 1 minute.
4. Pour the whole contents of the bottle(s) into the gear unit. After application the gear box should continue operating.
5. The coating process will be finished after approx. 500 operating hours. During this time the oil should not be changed. If necessary, the existing fine filter can be activated.

#### Safety Advice:

Must not be handled by children. Do not drink the liquid. Avoid skin contact. May be slightly irritating to the eyes. Rinse thoroughly with water and consult a doctor in case the irritation does not disappear. Do not pour into or place next to open flame.

#### Storage Advice:

Products must always be stored upright! Please, store at room temperature.

The REWITEC® application can temporarily result in an increased silicon (Si) amount of approx. 150 ppm in the oil analysis, which is technically safe.

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