

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 subject to normal wear and have not been destroyed by mechanical influences.
- Should oil filters with a mesh-size of $<30\text{ }\mu\text{m}$ be built in, these will have to be switched off, be bridged or replaced by a filter with a mesh-width ≥ 30 during time of treatment. Please note the instructions to filter subjects below!
- The dosage of the product is 1 liter DuraGear® per 100 liter 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 or by telephone +49 6441 44 59 90.

Application

1. The gear unit should have reached operating temperature and the REWITEC® DuraGear® W100 should have room temperature.
2. While treatment takes place oil filters must be switched off, be bridged or temporarily removed:
 - Replace or remove filter with a mesh width $\geq 30\text{ }\mu\text{m}$ with a new or supplied filter *)
 - possibly existing fine filters $<30\text{ }\mu\text{m}$ should be switched off for at least 500 operating hours
3. Shake well the bottle(s) for about 1 minute.
4. Pour half of the bottle's content into the gear unit. Screw on the bottle and shake again for at least 1 minute. Pour in the rest of the content into the gear unit. Subsequently the gear should run for at least 30 minutes.
5. The coating process will be finished after approx. 500 operating hours. During this time the oil should not be changed. The oil filter can now be reactivated resp. be built in again.
6. Retreatment with REWITEC® DuraGear® should take place latest after 2 years or after 10.000 operating hours.

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 fire.

Storage Advice:

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

Best before: see lid.

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

*) Filter notes: The used filter material $\geq 40\text{ }\mu\text{m}$ must be made of wire mesh DRG or paper MIC (Filterability testing by MAHLE from 2014-02-10) o Subject to technical alterations and typographical errors. o QI 17/01