

# Instruction Manual

## REWITEC® DuraGear® 5/10/20/50/100

### Treatment of Industrial Gears and Bearings with Products of the REWITEC® DuraGear® family

- 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.
- Should oil filters with a mesh size of <math><30\ \mu\text{m}</math> 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.
- Following the treatment, an oil change could be carried out the earliest after 100 operating hours.
- There are various (compatible with each other) sizes of the DuraGear®, which are adapted to the gear oil volume. Thus for an oil volume of 150 ltr. you would use e.g. a DuraGear® 100 (for gear oil volume till 100 ltr.) **plus** a DuraGear® 50 (for gear oil volume till 50 ltr.).
- 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, but should, however, have run at least 30 minutes. The REWITEC® DuraGear® product should have room temperature.
2. Switch off filters of <math><30\ \mu\text{m}</math>, if at all used, bridge or exchange them (see above). \*)
3. Shake the bottle(s) well for about 1 minute.
4. Pour the whole content of the bottle(s) into the gear unit. Subsequently the gear should run for at least 30 minutes.
5. The coating process will be finished after approx. 100 operating hours. The oil filter, if at all used, can now be reactivated resp. be built in again.

#### 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.

DuraGear® 5:	till 5 ltr. oil volume	DuraGear® 50:	till 50 ltr. oil volume
DuraGear® 10:	till 10 ltr. oil volume	DuraGear® 100:	till 100 ltr. oil volume
DuraGear® 20:	till 20 ltr. oil volume		

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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