

# Product Datasheet

## REWITEC® DuraGear® 5/10/20/50/100

**Product:** REWITEC® DuraGear®  
5/10/20/50/100

**Description:** Coating Concentrate for Gears

**Sales Unit:** Bottles in different sizes



Sample image

### Technical Data

<b>Name:</b>	REWITEC®-Coating Concentrate
<b>Colour:</b>	anthracite
<b>Pourpoint:</b>	-21 °C
<b>Flashpoint:</b>	285 °C
<b>Density at 15 °C:</b>	892 kg/m <sup>3</sup>
<b>Solubility in water:</b>	no
<b>Basic viscosity at 40 °C:</b>	223 mm <sup>2</sup> /s
<b>Dosage:</b>	according to bottle labels and instruction manual

## Product Characteristics

- Reduction of friction in bearings and gears up to 33 % \*
- Decrease of temperature in bearings and gears up to 20 % \*
- Reduction of roughness on metal surfaces up to 50 % \*
- Reduction of wear and abrasion, as well as reconditioning of frictional metal surfaces
- Prevention of micropitting
- Lowering of vibrations and noise
- Durable wear protection
- Improvement of scuffing load capacity
- Significant optimisation of primary material properties
- Optimisation of lubrication film and emergency running properties in case of oil loss
- Surface finishing during operating (without downtime)
- Therefore reduction/prevention of costs of idleness
- Reduction of spare parts demand
- Life extension of treated gears

\* Tests on a 2-Disc-Test-Bench at the Competence Center Tribology at the University of Mannheim (Germany) 09/2012.

