The FE-8 Test is used to examine lubricating oils and greases with regard to their wear and friction behaviour under specific influences.

The addition of REWITEC® resulted in a significant improvement of the surface roughness. Stray metallic particle run through and seizure are greatly smoothed out. Run through marks and pitting are greatly smoothed out, too.

False-Brinelling / SNR-Tests

The Competence Center of Tribology, Mannheim show the influence of the REWITEC® additive on existing standstill marks. The bearings were pre-damaged in a preliminary test with very small swivel angle.

The tests show that adding REWITEC® to a standard grease can provide benefits in case of standstill mark / false-brinelling damage.

Results

The innovative technology increases reliability and extends system lifetime by permanently reducing surface roughness, friction, temperature, and wear. Utilizing REWITEC® especially in the Wind Energy Industry will help reduce operational expenses and thus help drive the lower cost of energy making clean energy more sustainable.

Less friction and surface roughness in tribologic systems means:

- Less stress and wear for the gearbox and bearings
- Higher efficiency
- Less stress for the lubricant
- Higher reliability and availability, no downtime
- Cost savings, higher earnings
- Longer Lifetime