



Checking the "static contact pattern" of large tooth gearing



Wear inspection at the loaded flank of large tooth gearing

We check the condition of your drive system

For long life of your drive systems, we have developed a comprehensive preventive check-up: poldrive. Our experts regularly check the drives of your production machines. This allows you to identify possible problems at an early stage. Serious damage can therefore be averted – and maximum availability of your plant is ensured. This service is available worldwide.

Our poldrive staff are experts in the field of drive analysis, and have direct access to the cumulative know-how of thyssenkrupp.

Our program comprises visual inspections, vibration measurements, checking the dynamic and static tooth contact pattern, checking the load distribution over the tooth flanks of girth gears and pinions, detailed measurement of the temperature distribution, oil analyses, the balancing of separators and fans as well as oil analysis.

Following our work, we provide you with a comprehensive overview of the condition of your drives and give you custom-tailored recommendations for their maintenance and modernization. After consultation with you, we immediately initiate the appropriate measures. Competent training of your employees rounds off our scope of service.



Vibration measurements on a spur gear unit

Your service advantages

- Regular service assignments ensure early detection of damage
- Minimized risk of plant stoppages
- Longer service life of open gear drive systems
- Trouble shooting
- Increased efficiency, thanks to the use of product innovations
- Optimized spare parts inventory