H&N WIND
POWER SYSTEMS BY TIMKEN

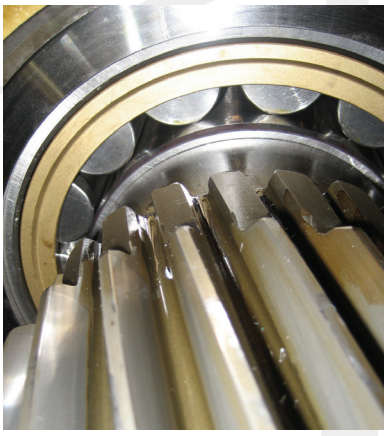


GEARBOX OVERHAUL

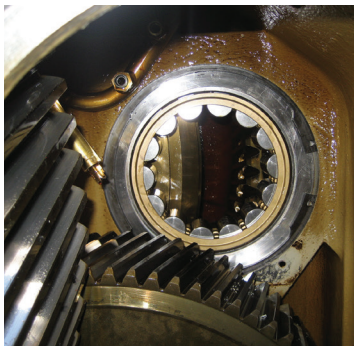
Inspect, Repair and Overhaul

FAILURE IS NOT AN OPTION – FAILURE ANALYSIS IS

The most important step to take before repairing a gearbox is knowing why it failed in the first place. By understanding the root cause of failure we are able to take steps during the overhaul process that can help increase the unit's reliability in the future, and help eliminate common problems related to under designed bearings, bearing misalignment and lubrication issues, to name a few.



OUR PROCESS AND WHY WE'RE DIFFERENT



By aligning ourselves with strategic OEM partners we certify every technician that is going to work on your gearbox. And, by utilizing our strategically located machine shops, we can often make the specific tooling required to perform up-tower repairs and – in some cases – even eliminate the high cost associated with using cranes at all.

Further, as part of the Timken Power Systems family of brands, we have access to the design and manufacturing talent of our sister company, Philadelphia Gear, and its 125 years of experience in solving gearing related problems. That, added to the fact that Timken is a leader in bearing engineering, design and manufacture, uniquely positions H&N to set the standard for wind turbine gearbox repair.

BENEFITS OF USING H&N WIND SERVICES

1. OEM certified repair technicians
2. Team of experienced engineers
3. Ability to deliver lower life cycle cost of ownership
4. Supported by leading gear and bearing experts
5. Condition monitoring and data analysis techniques to warn of impending failures before they happen



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