

# INDUSTRIAL & WINDMILL GEARS REPAIR SOLUTION



As received...



As received...



As received...



## Before & After

After service...



After service...



After service...



# INDUSTRIAL GEARS REFURBISHMENT SERVICES

## About ELECON SERVICES at CENTERS

- Walk in with your ailing gearbox and walk away with completely refurbished gearbox.
- Refurbished to near original (with latest advancements) for desired gearbox performance.
- Each and every component of your gearbox is scanned under our state of the art testing facilities for materials (in NABL approved labs), tooth geometry/profile, etc.
- Thorough analysis of failures with comprehensive and appropriate solutions by our experienced team of Design, Manufacturing, Quality and Service engineers.
- The most effective way of restoring the health of your Gear drives
- Gearbox Re-engineering and development for any applications.

## ELECON SERVICES are equipped with following facilities.

- EOT Crane with 20T/10T/5T capacity
- Hydraulic Power Press – 300 Ton capacity
- Heavy Duty Lathe
- Radial Drilling Machine
- Induction Heaters
- Cleaning tank
- Oil heating tank
- Air Compressor
- Test Bed with Motor & Variable speed Drive for No-Load trial run of Gearboxes

## OVERHAULING OF GEARBOXES AT REFURBISHMENT CENTERS

- ✓ Dismantling of Gearboxes
- ✓ Root Cause Analysis of damages – Identification of damaged and/or worn-out parts
- ✓ Replacement of defective parts, reassembly, trial run, etc.
- ✓ Re-boring of bearing seating bores in casing if any deep scoring/worn out marks observed
- ✓ Restoring to original (or better) performance
- ✓ Up-gradation/Modification of existing gearboxes for improved performances
- ✓ No-Load test run with required test reports
- ✓ Painting

## ON-SITE SERVICE SUPPORT

- ✓ Pre- inspection at site of existing drives
- ✓ Assessment and preparation of pre-inspection report
- ✓ Collection of operating data for analysis
- ✓ Availability of spares and requirements.



## Location of Refurbishment Centers in India

### Elecon Engineering Co. Ltd.

Refurbishment Center-Gear  
Anand Sojitra Road,  
Vallabh Vidyanagar - 388120 (Guj.)  
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