

PHILADELPHIA GEAR® !"#%&'()*+,-

Authorized Repair Center

Qualitech Machining Services Ltd.
Amazon Drive, Point Lisas Industrial Estate
Point Lisas, Trinidad, West Indies.



CASE STUDY

A customer encountered lubrication problems with an existing Rexnord Condensate Fan Gearbox (top image). Philadelphia Gear (PG) formulated a design modification to automatically lubricate the output shaft. The image below shows the modified gearbox, after undergoing in-house testing, ready for delivery. As a result of this project, over sixty (60) gearboxes have been disassembled, inspected, modified and tested locally under the management of PG.

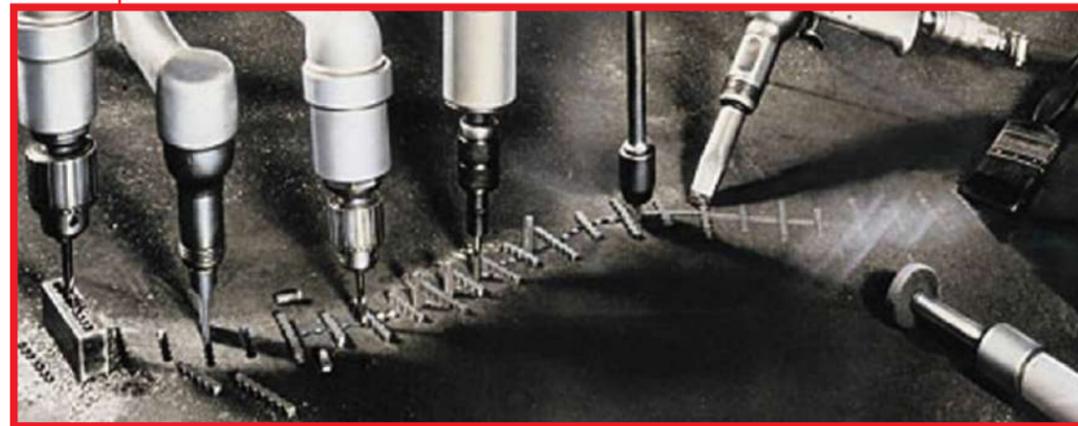
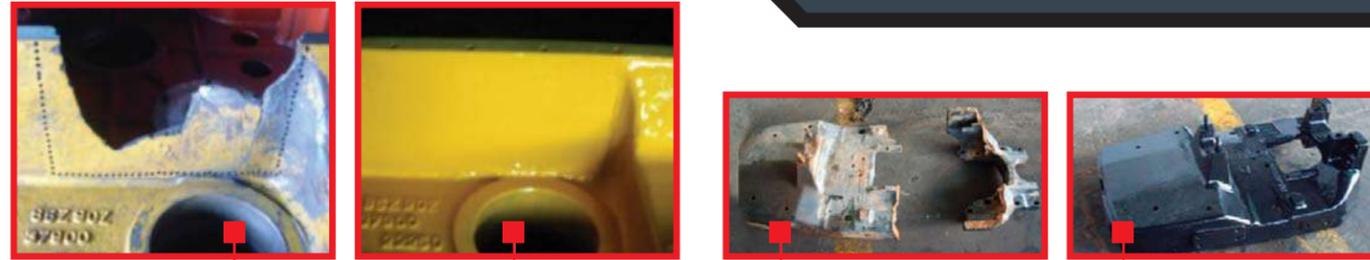


CUSTOMER BENEFITS

- Repairs to **ALL BRANDS** of Gearboxes
- Spare Parts for **ALL BRANDS** of Gearboxes
- International Expertise (over 100 years)
- Zero Shipping Costs and Faster Delivery
- OEM Warranty

MORE... than Machining Services

www.qmstt.com



Outline of the Metalock Process



Cracks Identified

Holes are drilled to insert "locks"

Locks are inserted together with studs

Crack has been repaired

CUSTOMER BENEFITS

- On-site Repair without disassembly *
- Permanent Repair
- Cost Effective and Time Saving
- Over 60 years of International Expertise
- Repairs form a pressure tight seal
- Cold Repair of Cracks (No Welding) on cast iron, steel, aluminum and other alloys

* depending on damage

www.metalockinternational.org



QUALITY • SERVICE • TECHNOLOGY