

VIBRATION KILLS PUMPS.

WE KEEP THEM UP AND RUNNING.

THERE ARE MANY REASONS FOR PUMP FAILURE. LET LOCTITE SHOW YOU HOW TO PREVENT THEM.



MISALIGNMENT

Loosening of pump base mounting bolts can lead to bearing failure.



LEAKS

Gaps and surface irregularities in threaded assemblies and flanges can lead to leaks that diminish pump performance.



WEAR

Erosion due to abrasion, corrosion or chemical attack.

LOCTITE has the global technical expertise and sealant and adhesive technology to make sure your pumps perform better, longer.

VISIT US AT WWW.HENKEL-ADHESIVES.CO.UK FOR MORE INFORMATION.

LOCTITE®

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PUMP REPAIR & REBUILD WORKSHOP.

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Henkel

LOCTITE

SOLUTIONS FOR ALL
YOUR MAINTENANCE
CHALLENGES.

YOUR CHALLENGES. OUR SOLUTIONS. YOUR BENEFITS.

LOCTITE is more than quality products – we provide solutions to many of the biggest challenges you face. Let us put our expertise to work for you.

MAINTAIN, REPAIR, REBUILD AND PROTECT INDUSTRIAL EQUIPMENT.

Maximising your production, minimising unplanned downtime, and preventing equipment failures are critical in every industry. Unreliable pumps can lead to lost time, expensive repairs, and safety issues that can seriously affect your bottom line. We understand

the challenges you face because we have long-term experience maintaining industrial equipment. LOCTITE is the trusted partner of industries around the world to help reduce costs, increase reliability and improve efficiency.



LOCTITE PUMP REPAIR & REBUILD

DESIGNED BY HENKEL CORPORATION TO ENHANCE MAINTENANCE TECHNIQUES, SOLVE COMMON FAILURES AND IMPROVE PUMP RELIABILITY, THE WORKSHOP IS FOCUSED TOWARDS PERSONNEL WHO ARE RESPONSIBLE FOR PUMP MAINTENANCE AND RELIABILITY.

Most industrial centrifugal pumps carry a significant capital equipment value and therefore it is important to extend their useful lives and ensure that they run efficiently and reliably. Proactive maintenance can reduce the risk of breakdowns, increase pump reliability and longevity, and extend the mean time between failure (MTBF). By applying the identified product solutions and techniques learned in a LOCTITE Pump Repair & Rebuild Workshop, your personnel will have the knowledge and the tools to do the following:

- Increase pump reliability
- Extend MTBF
- Prevent common failure modes
- Increase pump efficiency and ensure that pumps run closest to their best efficiency point (BEP)
- Eliminate leaks
- Repair erosion damage and protect against chemical attack
- Ease disassembly of parts, ensuring consistent disassembly
- Reduce component consumption
- Ensure that alignment is maintained
- Prevent seizure of critical components
- Restore and rebuild parts



LOCTITE PUMP REPAIR & REBUILD WORKSHOP FEATURES:

- Review of Common Pump Failures
- Identification of LOCTITE Solutions
- Review of LOCTITE Technologies
- Hands-on Demonstration
- Product Selection Criteria

LOCTITE PUMP REPAIR & TRAINING OUTLINE

BEARING FRAME AND HOUSING

- Seal against oil leaks and seepage
- Prevent seizing of bolts
- Prevent bearing damage and failure from spinout corrosion

FRAME ADAPTER

- Prevent flange leaks
- Prevent seizure of dowel pins
- Prevent gasket failures
- Prevent loosening of frame adapter bolts
- Misalignment

GLAND ASSEMBLY

- Prevent seizure of packing gland nuts
- Prevent corrosion, seizure or loosening of gland studs
- Prevent seizure of flushing connectors
- Prevent flushing connector leaks

PUMP CASING

- Prevent the frame adapter, stuffing box and casing from seizing together
- Prevent leaks between the stuffing box and casing
- Prevent seizure or loosening of casing bolts

IMPELLER

- Prevent seizure of the impeller to the shaft

KEYWAY / KEY STOCK

- Prevent and stop key wallow
- Repair key wallow damage

COUPLING

- Prevent coupling failures that lead to: Loosening, Loss of power transmission, Shaft damage

PUMP BASE MOUNTING

- Prevent pump mounting bolts from losing clamp load

PUMP BASE GROUTING

- Prevent damage caused by twisting, vibration and corrosion of the pump base

CASING / IMPELLER WEAR

- Rebuild and restore worn areas, Minor abrasive wear, Heavy casing wear
- Chemical attack and erosion, Specific high-wear area repairs

SHAFT WEAR

- Restore worn shafts caused by: Packing, Oil seals, General neglect

PREVENT CORROSIVE ATTACK

ALL TRAINEES RECEIVE A FREE COPY OF THE INDUSTRIAL PUMPS REBUILD AND MAINTENANCE GUIDE

A comprehensive guide developed to assist maintenance personnel in achieving their goals of pump reliability, longevity and cost reduction.