

PUMP BASE MOUNTING

CHALLENGE

Prevent pump mounting bolts from losing clamp load, leading to misalignment

Vibration and possible impact shock can work to loosen the mounting bolts. Loose bolts result in a loss of clamp load, which in turn allows the pump to lose its level and aligned configuration.

SOLUTION #1

- › Apply LOCTITE® 263 High Strength Threadlocker to the mounting bolts.

Steps

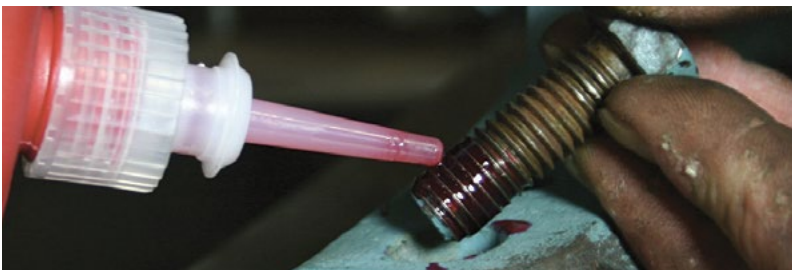
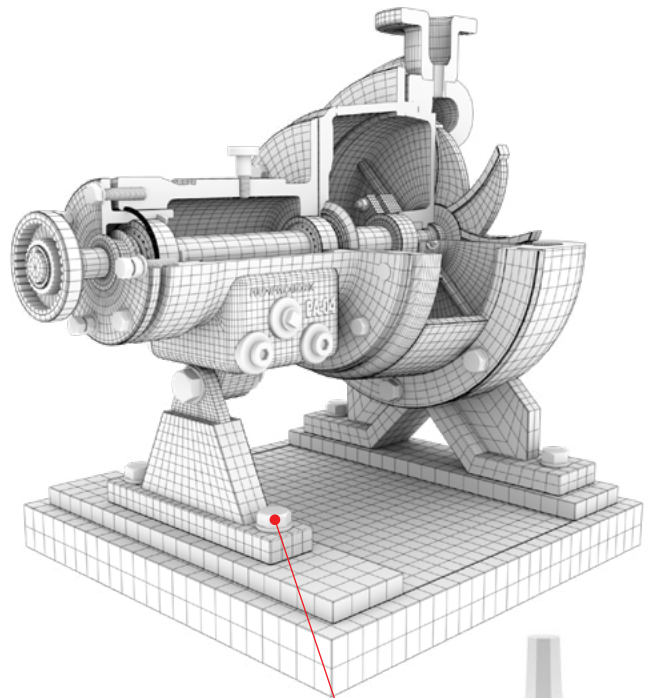
1. Clean threads with LOCTITE® SF 7070 ODC-Free Cleaner & Degreaser.
2. Apply several drops of LOCTITE® 263 High Strength Threadlocker to the mounting bolts.
3. Assemble and tighten as usual.

SOLUTION #2

- › Apply LOCTITE® 290 Wicking Grade Threadlocker to the mounting bolts after the pump has been aligned and torqued in place.

Steps

1. Clean the parts with LOCTITE® SF 7070 ODC-Free Cleaner & Degreaser.
2. Align the pump.
3. Tighten the nuts on the mounting studs.
4. Apply several drops of LOCTITE® 290 Wicking Grade Threadlocker to the mounting bolts.



Solution #1, Step 2 and Solution #2, Step 4.



LOCTITE® 290
Wicking Grade Threadlocker

RESULTS

- › Mounting bolts are secured in place.
- › Proper clamp load is maintained.
- › Elimination of bolt corrosion.
- › Prevention of misalignment.

LOCTITE®