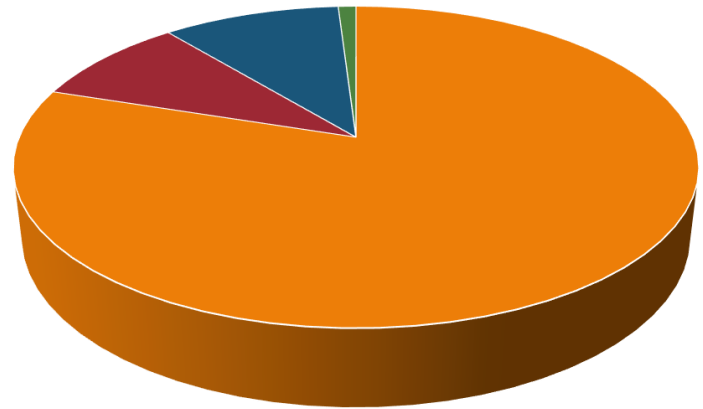


# WHY DID MY BEARING FAIL?



## TOP 10 REASONS WHY MOUNTED BEARINGS FAIL

1. **Ineffective / Wrong Type of Lubrication\***
2. **Insufficient Amount of Lubrication\***
3. **Excessive Amount of Lubrication\***
4. **Misalignment**
5. **Contamination**
6. **Inadequate Bearing Clearance**
7. **Undersized Shafting**
8. **Imbalance in the System**
9. **Improper Bearing Selection for Application**
10. **Improper Mounting / Handling**



■ Lubrication ■ Wrong Bearing ■ Installation ■ Mfg. Defects

\* 80% of all premature mounted bearing failures are lubricant related.

## GENERAL LUBRICATION TIPS

- Establish a re-lubrication schedule
- A light showing of purged grease at the seals is normal and recommended as it helps keep contaminants out of the unit.
- Small amounts of grease at frequent intervals (while the bearing is running) is preferred rather than large quantities at infrequent intervals
- If the bearing runs hot to the touch after re-greasing, remove a lube fitting to let excess purge more quickly. Then re-install the fitting after excess grease purges.

## We Revolve Around You.



PTI has the product, engineers and experience to both help you diagnose your bearing failures and recommend improved strategies to increase bearing life. For help with increasing the life of your bearings, please contact us.