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## Motor Storage Tips: Part 1

Proper motor storage is critical if we hope to achieve normal life expectancy from our electric motors. Not only is proper motor storage important for good motor health, it may be required to maintain a warranty on motors that we purchase. The next few tips from our Electric Motor Tip of the Week series will focus on motor storage recommendations.

### Storage Preparation:

- Store indoors in a clean dry environment
- If you know the motor will be stored when purchasing it, request the motor be packaged for long term storage
- Ensure no floor or building vibration is present (if unable to prevent vibration then lock the shaft)
- Connect and energize space heaters to ensure the machined components and insulation are above the dew point and free of condensation
- Treat storage facility for unwanted guests like rodents and bugs
- Apply rust preventative coating on shaft and machined surfaces
- Oil from bearings is drained for shipment, but if storing for more than one month re-fill oil reservoirs to the max indicated level

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA<sup>®</sup> mug or hat if we publish it! Contact Lou at 813-621-6463 ext. 166 or [lou@pdma.com](mailto:lou@pdma.com).