

Preservation of Electric Motors in extended storage periods



- **Bearings - Static Indentation**
Motors should be stored in an area free from any source of vibration since this can cause premature bearing failure due to static indentation
- **Lubrication**
Motor bearings are lubricated at the factory for the shelf life of the grease (approximately 4 years).
- **Condensation**
Motors should be stored in a warmed, ventilated storage area to minimize the risk of condensation.
- **Motors provided with drain holes**
The drain holes should be kept open and clean. In storage the motors should be stood such that the drain holes are at the lowest point so that any condensation which does form will escape.
- **Motors without drain holes**
Provided that the environment is warmed and ventilated, no action is necessary, although a periodic insulation test is advisable (approximately every three months) to ensure it is maintained above 1 megaohm.
If motors are to be used or stored in cold and/or damp environments, we would recommend the fitting of anti-condensation heaters; the heaters should be permanently energised if stored in these conditions.

N.B. Heater circuit to be isolated before inspection

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