

## 2.1 Inspection Before Operation:

The following steps should be followed carefully before operation:

1. Check nameplate data to make certain that the motor matches requirements.
2. Inspect the general condition of the motor, making certain there are no loose fasteners. Turn the motor in the correct direction of operation to ensure that the motor turns freely and that there was no damage during shipment.
3. Measure the insulation to ground with a megger capable of at least 500 megohms. (Reading should be at least 500 megohms.)
4. Remove top cover and inspect non-reversing ratchet to ensure pins move freely and that it was not damaged during shipment. Lubricate pins if they are sticking at all.

## 2.2 Filling With Oil:

1. Remove the vent plug (flat head screw), located just outside of the non-reversing ratchet inside of the motor top cover, to prevent a vacuum inside the oil reservoir.
2. Remove the fill plug and fill with ISO VG 32 Turbine Oil to 1/2 up the sight glass.

**DO NOT OVERFILL!!**

3. Replace the fill plug and the vent plug. Check for oil leaks.
4. For Transportation or storage, oil should be removed and the oil reservoir should be drained and cleaned prior to filling again.