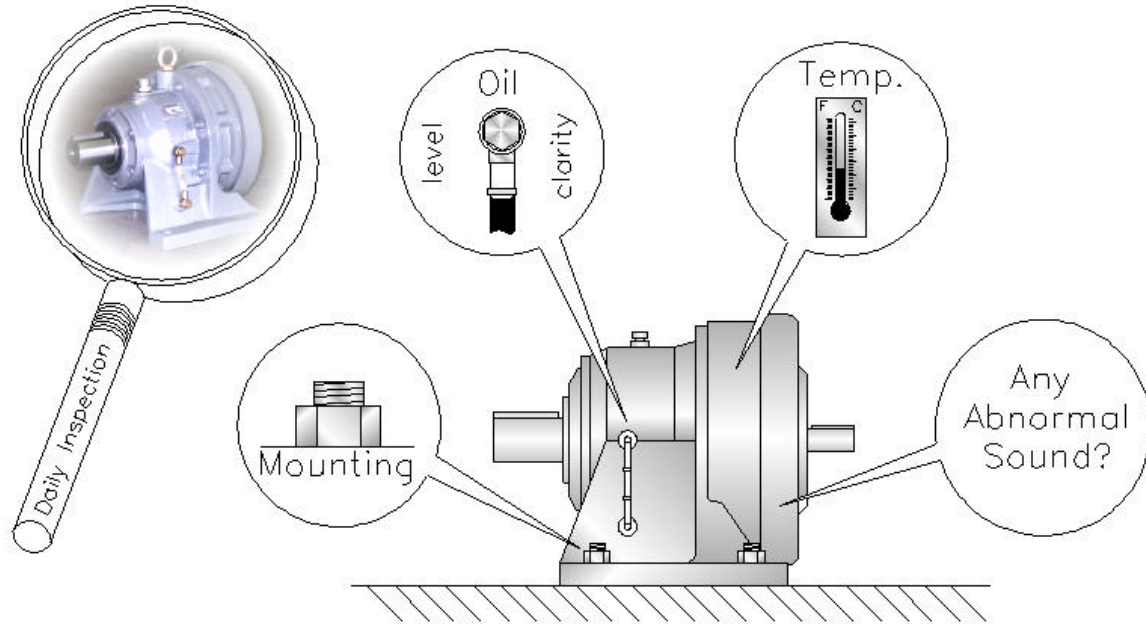


Daily Inspection



□ MOUNTING FASTENERS

Inspect mounting bolts of the DARALI® Cycloidal Reducer to your equipment. Please make sure the foot or flange of speed reducer is tightened down rigidly to the mounting base. Tighten loose bolts as necessary. If bolts are loose frequently, reinforce the mounting structure and consider using double nuts on each bolt. Use bolts of ISO grade 8.8 minimum when mounting the flange or feet of the DARALI® Cycloidal Reducer to your equipment.

□ LUBRICATING OIL

Check lubricating oil level. The oil level must be filled to the upper marker of side glass when the unit is not in operation. The oil level must be at least above the lower mark when the unit is in operation. Please be aware that the oil-lubricated double reduction models require extra oil to ensure the first reduction stage receives sufficient lubrication. Please refer to the lubrication section of this catalog or installation manual. Changing the lubricating oil frequently will further enhance the service life of DARALI® Cycloidal Reducers. Refer to the lubrication section of this catalog for further information.

□ TEMPERATURE RISE

Any temperature rise up to 105 °F (58 °C) above ambient temperature on the surface of the ring gear housing is considered normal. Check for any rapid temperature rise from a stable operating condition. If such a phenomenon occur, add the recommended oil or grease (refer to the lubrication section). If the rapid temperature rise still persists, stop operation and contact factory.

□ ABNORMAL SOUND

If you start hearing sudden abnormal sound generated from inside the unit, stop operation and inspect the unit. Check mounting bolts and the installation of sheaves and sprockets. Also check the tightness of fan guard and fan installation. Make sure there are sufficient lubrication inside the reducer. Please observe, lower reduction ratios of cycloidal cycloidal reducers are subject to higher operating sound level due to higher internal speed. This phenomenon is considered normal.

□ MOUNTING PRECAUTION FOR THE F-TYPE UNITS

Unlike the H and V type units that have one set of fasteners to hold speed reducer together, and another set of fasteners to install the speed reducer onto the mounting surface, the F type units have only one set of fasteners that performs both functions. In this situation, loose bolts could result not only in insecure installation, but also the possible separation of speed reducer. Check the tightness of fasteners daily. This precautionary measure is especially important for applications involving frequent start/stop and reversing as well as application using brakes or clutches with the F-type mounting. We can provide you an extra set of nuts and washers so the original set can be used to hold speed reducer together, and the extra set can be used to mount the unit.

Make sure bolts are tight !!

