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Right Angle Gear Box

Maintenance:

Disconnect power prior to any maintenance and do not bypass or inactivate any safety or protective device. Lock out and tag the power supply to prevent unexpected application of power.

Routinely inspect mounting bolts, couplers, or other power transmitting devices to ensure all parts are firmly anchored. Keep shafts and vent plugs (when included) clean to prevent foreign particles from entering seals or housing. Inspect daily for any oil leaks and any unusual noises. Inspect weekly for end play in shafts. Inspect belt drive tension after the first ten hours of operation and periodically thereafter.

Check the oil level every 24 hours of operation. Change the oil when the gear drive has been in service for 50 hours. Routine oil change intervals will vary for each particular installation depending on the severity of the environment. **Normal changes should occur between 250 and 1000 hours of operation.** The longest life at continuous service will be realized when the oil temperature does not exceed 200°F. For oil substitutions, or for high input seeds, contact Fruitland Manufacturing.

Warning

Do not change or add oil while the gear drive is running. Damage to the gear drive or injury to personnel may result. The gear drive housing, oil, plugs, and associated components may reach high temperatures and cause severe burns. *Use extreme care when servicing the gear drive.*

Long term storage or inactivity

When a gear drive is stored, prior to initial installation, or following removal from service, the following steps are recommended:

- Fill completely with oil. Attach a prominent notice that the gear drive must be drained and refilled to the proper level prior to start-up.
- Apply a rust preventative to the externally exposed shafts.
- Store the gear drive in a temperature and humidity controlled area.
- Periodically, rotate the shafts by hand.

If the gear drive is in service but inactive for 60 days or more, periodically rotate the shafts by hand and check the oil level prior to start-up.