



SUBJECT: SUMITOMO HYPONIC LONG TERM STORAGE PROCEDURES

Below are Sumitomo's recommendations for long term storage of the Hyponic gear motor.

Storage Location

- All units should be stored in a cool dry place indoors. Avoid storage outdoors or in places with humidity, dust, sudden temperature changes or corrosive gas. Ideally, ambient temperature should be maintained at 20°C with minimal humidity.

Maintenance

- The output shaft of units should be rotated two to three full revolutions periodically. This motion ensures that internal metallic components are coated with lubrication. The lubrication will act as a rust inhibitor.
- For optimal component protection it is recommended to rotate the shafts every two (2) months.
- Rotating the shafts is especially critical for oil-filled Hyponics. The metallic components need to remain coated due to the oil's thinner viscosity.
- Oil-filled Hyponics should be stored without the breather installed and a plug in its place. This will ensure that contaminants are not able to penetrate the unit.
- A small amount of grease can be applied to the outside of the output bore seal to assist in preventing the seal from drying out during storage.

Use After Storage

- Seals will deteriorate when exposed to high temperatures and UV rays. Inspect the seals before operation for signs of discoloration, cracking, loss of elasticity, deformation, or hardening.
- Oil-filled Hyponics will need to have the breather installed before start up.
- After starting the Hyponic, verify there is no abnormal sound, vibration, or heat build-up. If supplied as a brake motor, verify that the brake operates properly