

## GXT Daily Maintenance Checklist

Performing scheduled maintenance will promote safe, reliable operation of your shear. Inspect and grease components as indicated in the following checklists.

### 4-HOUR CHECKLIST

Every four hours, perform a brief visual check for hydraulic leaks, blade damage, and loose or missing bolts. A more thorough inspection, to be performed at the end of each shift, is described below on the eight-hour checklist.

#### GREASE

- ☐ Shear cylinder - end of pin
- ☐ Shear cylinder rod
- ☐ AutoGuide at fitting and smear grease on contact surface of upper jaw
- ☐ Main shaft/pivot, both sides

Grease all locations until grease extrusion is visible with jaw open and closed.

### 8-HOUR CHECKLIST

#### INSPECT

- ☐ Bolts - check for loose bolts, replace if damaged
- ☐ Fittings and hoses for damage or leaks
- ☐ Bracket pivot for wear and pin retainers
- ☐ Cylinder pivot for wear and pin retainers
- ☐ Entire shear for cracks (visual check)

#### GREASE

- ☐ Bracket pivot
- ☐ Bracket cylinder
- ☐ Bearing slewing - four locations
- ☐ All points listed in 4-hour checklist

Grease all locations until grease extrusion is visible.

#### JAWS AND BLADES

- ☐ Check blade gaps\*
- ☐ Check blade edge radiuses\*
- ☐ Check for loose or damaged bolts, retorquing loose bolts when cool
- ☐ Check AutoGuide and shim if needed
- ☐ Build-up and hard-surface as required
- ☐ Grind off any rolled-over or mushroomed blade edges
- ☐ Shear Jaw Armor® - build-up and hard-surface as needed

\*See the GXT Safety & Operator's Manual for maximum blade gap and radius for your shear model.

### GREASE

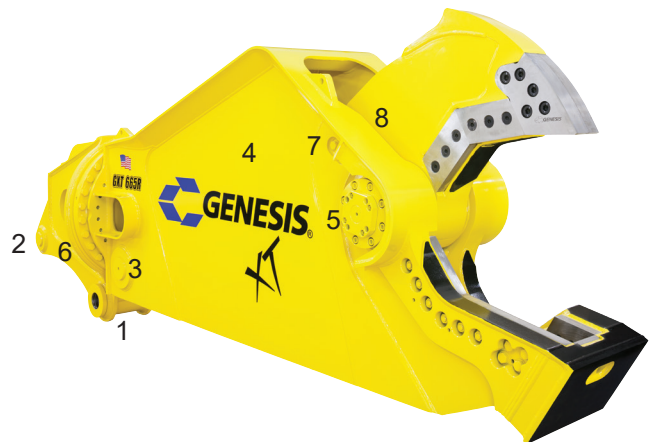
For normal conditions above 32 °F (0 °C), use a lithium-based, premium grade 2 extreme-pressure grease. For temperatures below 32 °F, use a grade 0 grease.

**Do not use grease containing Molybdenum (Moly).**

Genesis GLG-2® anti-wear, extreme-pressure lithium grease, PN 6302601, is recommended for all temperature conditions.

The shear jaws must be closed for access to all grease fittings. Grease all locations per the 4- and 8-hour checklists and until grease extrusion is visible with the jaw open and closed.

After greasing the rotation bearing, rotate the shear through two full rotations.



### GREASE LOCATIONS

1. Bracket pivot - center of tube
2. Bracket cylinder - end of pin
3. Shear cylinder - end of pin
4. Shear cylinder - end of pin
5. Main shaft/pivot - both sides
6. Bearing slewing - four locations
7. AutoGuide
8. AutoGuide contact surface on upper jaw

**Extreme operating conditions may require shortened maintenance intervals.**

This document is a quick reference only. It does not replace the product safety and operator's manuals, which must be followed by all operators and maintenance personnel.