

# LXP<sup>®</sup> Daily Maintenance Checklist

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

Extreme operating conditions may require shortened maintenance intervals.

## 4-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 attachment for cracks (visual check)

GREASE

- Bracket pins (two locations)
- Processor cylinder butt (two locations, 10 pumps per fitting)
- Processor cylinder rod (two locations, 10 pumps per fitting)
- Main shaft end caps (both sides, five pumps with jaw open, five pumps with jaw closed)
- Main shaft lower (two locations)
- Rotation bearing (four locations)
- Rotation head (two locations)
- Lock pin (both sides)

## 8-HOUR CHECKLIST

Perform four-hour checklist plus the following:

Shear jaw set (follow this sequence):

- Check blade tolerance
- Check blade edge radius
- Check for loose or damaged bolts, retorquing loose bolts when cool
- Build-up and hard-surface as required

Concrete pulverizer jaw set:

- Check for loose or damaged bolts, retorquing loose bolts when cool
- Build-up and hard-surface as required

Concrete cracker jaw set:

- Check blade edge radius
- Check for loose or damaged bolts, retorquing loose bolts when cool
- Build-up and hard-surface as required

For all jaw sets:

- Ensure quick plate trunion bushing is intact and not damaged. Damage in this area can cause the lock pin cylinders to back out, preventing the jaw set from releasing.

## LONG-TERM MAINTENANCE

- Grease cylinder pins and lock pins at each jaw set change-over
- Change gearbox lube after first 50 hours of operation; check every 250 hours; change annually
- After the first 80 hours of operation, check all bolts, including slewing ring bolts
- Replace slewing ring bolts every 2000 hours
- Replace regeneration valve components every 4000 hours
- Reseal cylinders every 4000 hours
- Reseal swivel every 4000 hours

## 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.

Jaws must be closed for access to all grease fittings. Grease all locations every four hours of operation. Grease until extrusion is visible.

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



## GREASE LOCATIONS

1. Main shaft - one each side
2. Rear pins - one each side
3. Rotation bearing - four locations
4. Lock pin bore- one each side
5. Jaw pins - upper and lower jaws

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.