

Maintenance Intervals

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures.

The service schedule is a guide for correct maintenance of the Bobcat mini loader.

**WARNING****AVOID INJURY OR DEATH**

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

W-2003-0807

Every 10 Hours (Before Starting The Mini Loader)

- **Engine Oil** - Check level and add as needed. (See Page 68.)
- **Engine Air Filters and Air System** - Check air filter condition indicator. Service filters only when required. Check for leaks and damaged components. (See Page 64.)
- **Engine Cooling System** - Clean debris from radiator and oil cooler areas. Check coolant level COLD and add premixed coolant as needed. (See Page 71.)
- **Fuel Filter** - Drain water and sediment from filter. (See Page 67.)
- **Hydraulic Fluid** - Check fluid level and add as needed. Do not over fill. (See Page 78.)
- **Lift Arms, Cylinders, Bob-Tach, Pivot Pins, Wedges / CII Pivot Pins & Mounting Pins, Undercarriage Rollers & Idlers** - Lubricate with multipurpose lithium based grease. (See Page 85.)
- **Reverse Stop Panel (If Equipped), Neutral Start Interlocks, and Lift / Tilt Lockouts Systems** - Check for correct function. Clean dirt and debris from moving parts. (See Page 57.), and (See Page 58.)
- **Parking Brake** - Check for proper function. (See Page 22.)
- **Indicators and Lights** - Check for function. Clean or repair as needed. (See Page 20.)
- **Safety Signs** - Check for damaged signs (decals). Replace any signs that are damaged. (See Page 15.)
- **General** - Clean dirt and debris from the operator position. Check for loose or broken parts, instrument operation, loose bolts or nuts, and oil leaks.
- **Continuous Flow Shutoff Lever** - Check for proper function. (See Page 60.)

First 50 Hours

- **Engine Oil and Filter** - Replace oil and filter. (See Page 68.)

Every 50 Hours

- **Hydraulic Fluid, Hydraulic Hoses and Tubelines** - Check for damage and leaks. Repair or replace as needed. (See Page 79.)
- **Controls** - Check for correct operation. Adjust, repair or replace as needed.
- **Undercarriage** - Check for loose bolts and nuts.
- **Track Tension** - Check tension and adjust as needed. (See Page 81.)

SS MTL-0418

SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

Every 100 Hours

- **Engine Oil and Filter** - Replace oil and filter. (See Page 68.)
- **Battery** - Check battery for damage. Check hoedowns, cables, connections, and electrolyte level; add distilled water as needed. (See Page 73.)
- **Drive Belts (Alternator / Water Pump / Fan Drive)** - Check condition. Replace as needed. (See Page 82.)
- **Spark Arrestor Muffler** - Clean spark chamber. (See Page 80.)

Every 250 Hours Or Every 12 Months

- **Fuel Filter** - Replace filter. (See Page 67.)
- **Lift Arm Lockout** - Check function of manual bypass control.

First 500 Hours Or First 12 Months

- **Engine Valves** - Adjust the engine valve clearance. (See dealer for service.)

Every 500 Hours Or Every 12 Months

- **Hydraulic Filter and Hydraulic Reservoir Breather Cap** - Service filter at first 50 hours, then as scheduled. Replace the hydraulic filter and the reservoir breather cap. (See Page 79.)
- **Drive Belt (Hydrostatic)** - Check condition. Adjust or replace as needed. (See Page 82.)

Every 1000 Hours Or Every 12 Months

- **Engine Valves** - Adjust the engine valve clearance.
- **Hydraulic Fluid and Filters** - Replace hydraulic fluid and filters. (See Page 79.)

Every 24 Months

- **Coolant** - Replace the coolant. (See Page 72.)

SS MTL-0418

NOTE: The Inspection Checkbook can be ordered for you by your local dealer. Part number 7296478.