

**LM551 Service Intervals**

- Inspect, Adjust, Clean
- Replace (first time only)
- ▲ Replace

| Maintenance Item                            | Before Work | After Work | Every 10 hrs | Every 50 hrs | Every 100 hrs | Every 200 hrs | Every 400 hrs | Every 500 hrs | Every 800 hrs | Every 1500 hrs | Every 3000 hrs | Every year | Every 2 years | Every 4 years | When Required                                      |
|---|-------------|------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|------------|---------------|---------------|--|
| Check Engine Oil Level                      | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Fuel Level                            | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Coolant Level                         | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Clean Radiator and cover screen             | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Clean Oil Cooler                            | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Clean Engine Area                           | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Hydraulic Oil Level                   | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Tyre Pressures & Condition            | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Blade Condition                       | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Component Security (nuts, bolts, hoses etc) | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Interlock System Safe Function        | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check For Oil Leaks                         | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Brakes Function                       | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Condition of all Safety Covers        | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Air Filter Condition                  | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Check Hydraulic Hose Condition              | ○           |            |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Clean Machine Exterior                      |             | ○          |              |              |               |               |               |               |               |                |                |            |               |               |  |
| Grease Groomer Gearbox (if fitted)          |             |            | ○            |              |               |               |               |               |               |                |                |            |               |               |  |
| Open Air Cleaner Evacuator Valve            |             |            | ○            |              |               |               |               |               |               |                |                |            |               |               |  |
| Grease & Lubricate all moving parts         |             |            |              | ○            |               |               |               |               |               |                |                |            |               |               |  |
| Check Rear Roller Brush Condition           |             |            |              | ○            |               |               |               |               |               |                |                |            |               |               |  |
| Check & Adjust Brakes                       |             |            |              | ○            |               |               |               |               |               |                |                |            |               |               |  |
| Lubricate & Adjust Control Cables           |             |            |              | ○            |               |               |               |               |               |                |                |            |               |               |  |
| Grease Rear Unit Swing Out Pins             |             |            |              | ○            |               |               |               |               |               |                |                |            |               |               |  |
| Backlap Blades                              |             |            |              | ○            |               |               |               |               |               |                |                |            |               |               | Every 50 hours or as and when required             |
| Check Battery Fluid Level                   |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Clean Battery Terminals and Grease          |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Drain Water Separator                       |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Check Fuel Hose Clamps Security             |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Replace Hydraulic Oil                       |             |            |              |              | ●             |               |               | ▲             |               |                |                |            |               |               | 500 hours or annually, whichever comes first       |
| Replace Hydraulic Oil Filter                |             |            |              |              | ●             |               |               | ▲             |               |                |                |            |               |               | 500 hours or annually, whichever comes first       |
| Check Fan Belt Tension                      |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Clean or Replace Air Filter                 |             |            |              | ○            |               | ●             |               |               |               |                | ●              |            |               |               | 200 hours or 1 year, whichever comes first         |
| Replace Engine Oil                          |             |            |              | ●            |               | ▲             |               |               |               |                |                |            |               |               | 50 hour first change, every 200 hours thereafter   |
| Replace Engine Oil Filter                   |             |            |              | ●            |               | ▲             |               |               |               |                |                |            |               |               | 50 hour first change, every 200 hours thereafter   |
| Check Radiator Hose Condition               |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Check Hydraulic Hose Condition              |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Grease Reel Motor Shafts                    |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Check condition of Air Intake Line          |             |            |              |              | ○             |               |               |               |               |                |                |            |               |               |  |
| Replace Fuel Filter                         |             |            |              |              |               |               |               | ▲             |               |                |                |            |               |               |  |
| Replace Water Separator Filter              |             |            |              |              |               |               |               | ▲             |               |                |                |            |               |               |  |
| Remove Sediment From Fuel Tank              |             |            |              |              |               |               |               | ○             |               |                |                |            |               |               |  |
| Grease Cutting Reel Pivot Pins              |             |            |              |              |               |               |               | ○             |               |                |                |            |               |               | 500 hours or annually, whichever comes first       |
| Replace Hydraulic Suction Filter            |             |            |              |              | ●             |               |               | ▲             |               |                |                |            |               |               | 500 hours or annually, whichever comes first       |
| Flush the Radiator & Cooling System         |             |            |              |              |               |               |               | ○             |               |                |                |            |               |               |  |
| Replace Fan Belt                            |             |            |              |              |               |               |               | ▲             |               |                |                |            |               |               |  |
| Adjust Engine Valve Clearances              |             |            |              |              |               |               |               |               | ○             |                |                |            |               |               |  |
| Check the condition of electrical wiring    |             |            |              |              |               |               |               |               |               |                |                | ○          |               |               | Every 100 hours or annually, whichever comes first |
| Replace Coolant & Anti Freeze               |             |            |              |              |               |               |               |               |               |                |                |            | ▲             |               |  |
| Replacement of Fuel Pipes & Clamps          |             |            |              |              |               |               |               |               |               |                |                |            | ▲             |               |  |
| Replacement of Radiator Hoses & Clamps      |             |            |              |              |               |               |               |               |               |                |                |            | ▲             |               |  |
| Replacement of air intake hose              |             |            |              |              |               |               |               |               |               |                |                |            | ▲             |               |  |
| Replace Hydraulic Hoses (Moving Part)       |             |            |              |              |               |               |               |               |               |                |                |            | ▲             |               |  |
| Replace Closed Breather Hoses               |             |            |              |              |               |               |               |               |               |                |                |            | ▲             |               |  |
| Replace Engine Mount Rubbers                |             |            |              |              |               |               |               |               |               |                |                |            |               | ▲             |  |
| Replace Hydraulic Hoses (Fixed Part)        |             |            |              |              |               |               |               |               |               |                |                |            |               | ▲             |  |
| Replace Battery                             |             |            |              |              |               |               |               |               |               |                |                |            |               |               | ▲  |
| Replace Brake Pads                          |             |            |              |              |               |               |               |               |               |                |                |            |               |               | ▲ Replace Brake Pads as and when required          |
| Replace Brake Cables                        |             |            |              |              |               |               |               |               |               |                |                |            |               |               | ▲  |
| Replace Travel Cable                        |             |            |              |              |               |               |               |               |               |                |                |            |               |               | ▲  |
| Regrind Blades                              |             |            |              |              |               |               |               |               |               |                |                |            |               |               | ○ Regrind/Replace blades as and when required      |
| Check Fuel Injection Nozzle Pressures       |             |            |              |              |               |               |               |               |               | ○              |                |            |               |               |  |
| Injection Pump Service                      |             |            |              |              |               |               |               |               |               |                | ○              |            |               |               |  |
| Check Turbocharger                          |             |            |              |              |               |               |               |               |               |                | ○              |            |               |               |  |

