# CONDITION REPORT

Make**:** Boss
Model: ZX
Year: 2021
S/N: ZX20LL0
Hours: 5,274.4

## Overview:

The unit was cleaned monthly.  The site kept maintenance records of the equipment. The unit was serviced every 300 hours.  No active codes are displayed

Front and rear rail cylinder was replaced.
Oil pressure switch replaced.
Joystick replaced
New hood switch installed

## Visual Inspection

| | |
|---|---|
| Oil Leaks | No leaks |
| Air Leaks | Good |
| Tires | Good – tires are 80% |
| Windows | Good |
| Body Damage | Fair – rust has started to appear. |
| Lights | Good |
| Engine Mount Bolts | Good |
| Transmission Mount Bolts | Good |
| Road Axle Mount Bolts | Good |

## Operational Inspections

| | |
|---|---|
| Engine Performance | Good |

| | |
|---|---|
| Service Brakes | Good |
| Park Brake | Good |
| Train Brakes | Good |
| Directional Lever | Good |
| Steering Operation/Linkage | Good |
| Hydraulic Control | Good |
| Instrumental Gauges | Good - The operator monitor mount is broken |
| Safety Equipment and Lights | Good |
| Sander Operation | Fair |
| Remote System | Could not check the remote operation the batteries might be dead |
| Cameras | Left side camera monitor will not turn on.  When set to transfer, cameras do not switch to rail view. |
| Block Heater | Good |
| Cab Heater | Good |
| Wipers | Good |
| Door Handles | Good |
| Accelerator Pedal (Front/Rear Pedal or Joystick) | Good – Joystick replaced |

## Service Check Points

| | |
|---|---|
| Radiator Level | Good |
| Condition of Radiator and Hoses | Good |
| Engine Oil Level | Good |
| Engine Oil Filter | Good |
| Air Filter | Good |
| Belts | Good |
| Fuel Filter | Good |
| Battery Hold Down and Connections | Good |
| Rail Wheel Bolts | Good |
| Differential Bolts | Good |
| Front Axle Fluid Levels | Good |
| Planetary Fluid Levels | Good |
| Road Wheel Bolts | Good |
| Hydraulic Oil Level | Good |
| Compressor Oil Level | Good |
| U-Joints | Good |

NEXTIER
EQUIPMENT

| | |
|---|---|
| Parking Brake Operation | Good |
| Parking Brake Pads | Good |
| Def Fluid Level | N/A |
| Rail Wheel Condition | Front and rear rail cylinder replaced – no leaks. |
| Road Tires | Tires are 80% |
| Batteries | Needs replaced |

12:58:54

LOW TRAIN BRAKE PRESSURE

## HYDRAULICS

| Parameter | Value | Unit |
|---|---|---|
| SYSTEM PRESSURE | 539 | PSI |
| FAN PRESSURE | 729 | PSI |
| OIL TEMP (TANK) | 79 | F |
| OIL TEMP (CMA) | 78 | F |
| LF RAIL PRESSURE | 38 | PSI |
| RF RAIL PRESSURE | 0 | PSI |
| LR RAIL PRESSURE | 15 | PSI |
| RR RAIL PRESSURE | 0 | PSI |
| HFX FAULT CODES | 0 | |
| CMA FAULT CODES | 95 | |
| CMA BRAKE PRESSURE | 0 | PSI |
| CALIPER PRESSURE | 4 | PSI |

## ENGINE

| Parameter | Value | Unit |
|---|---|---|
| ENGINE RPM | 800 | RPM |
| COOLANT TEMPERATURE | 116 | F |
| BATTERY VOLTAGE | 14.0 | VDC |
| INSTANT FUEL ECONOMY | 1.4 | GPH |
| AVERAGE FUEL ECONOMY | 2.1 | GPH |
| ENGINE HOURS | 5256.2 | HRS |
| INTAKE MANIFOLD TEMP. | 84 | F |
| PERCENT LOAD | 39 | |
| BOOST PRESSURE | 0.2 | PSI |
| FAN PERCENT | 37 | |

SPN