



Inspection Report (Wood Chipper)

General Info

Year	2006
Make	Morbark
Model	2070XL
Serial Number	4S8SZ15134W070501
Hour Meter Reading	N/A
Previous Application (e.g., earth moving, mining, demolition, etc)	Inhouse Property Landscape Maintenance

Dimensions

Length (ft and inches)	N/A
Width (ft and inches)	N/A
Height (ft and inches)	N/A
Operating Weight (lbs)	N/A

Features and Configuration

Trailer Mounted?	Yes
Current Inspection / State Cert / DOT	N/A
Trailer VIN	N/A
Trailer GVWR	4,500 Lbs.
Hitch Type	Pintle
Processing Mechanism	Drum Chipper
Feed Speed	N/A
Chip Size	N/A
Capacity (Maximum Wood Diameter)	N/A
PTO Powered	Yes
Loading Arm	Yes
Enclosed Cab	N/A
Self-Sharpening Blades	N/A
De-Limiting/De-Barking Functionality	N/A
Integrated Collecting Bins	N/A
Tilt Down Hopper(s)	N/A
OMM (Operator & Maintenance Manual)	No
Telematics	No

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Exterior 360 Walkaround

Exterior 360 Walkaround

Exterior Walkaround Photos



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General Appearance

Close-up Exterior Photos



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General Appearance Rating	3 - Normal Wear & Tear
General Appearance Comments	Exterior paint faded

Operator Control Station

Operator Control Station

Serial Number Plate Photo	
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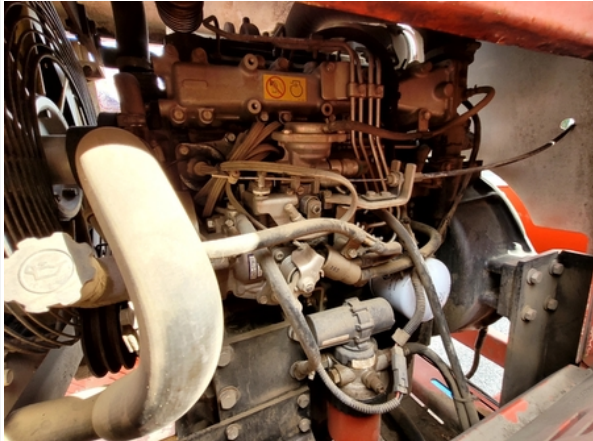
Control Station Photos	
	
	
Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling. Other (see comments)
Comments	Battery Charge, Coolant Temp and Oil PSI Gauge unreadable due to worn gauge surface
Operator Seat	0
Cabin Lights	0
Safety Lock Out / Stop	0

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Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	All switches are installed and functional
Hour Meter Activity	0
Other Gauge Activity	2 - Above Average Wear
Other Gauge Condition	One or more gauges are unreadable or not functioning (specify in comments)
Heater & A/C	0
Travel Alarm	0
Horn	0
Backup Camera	0

Engine Inspection Points

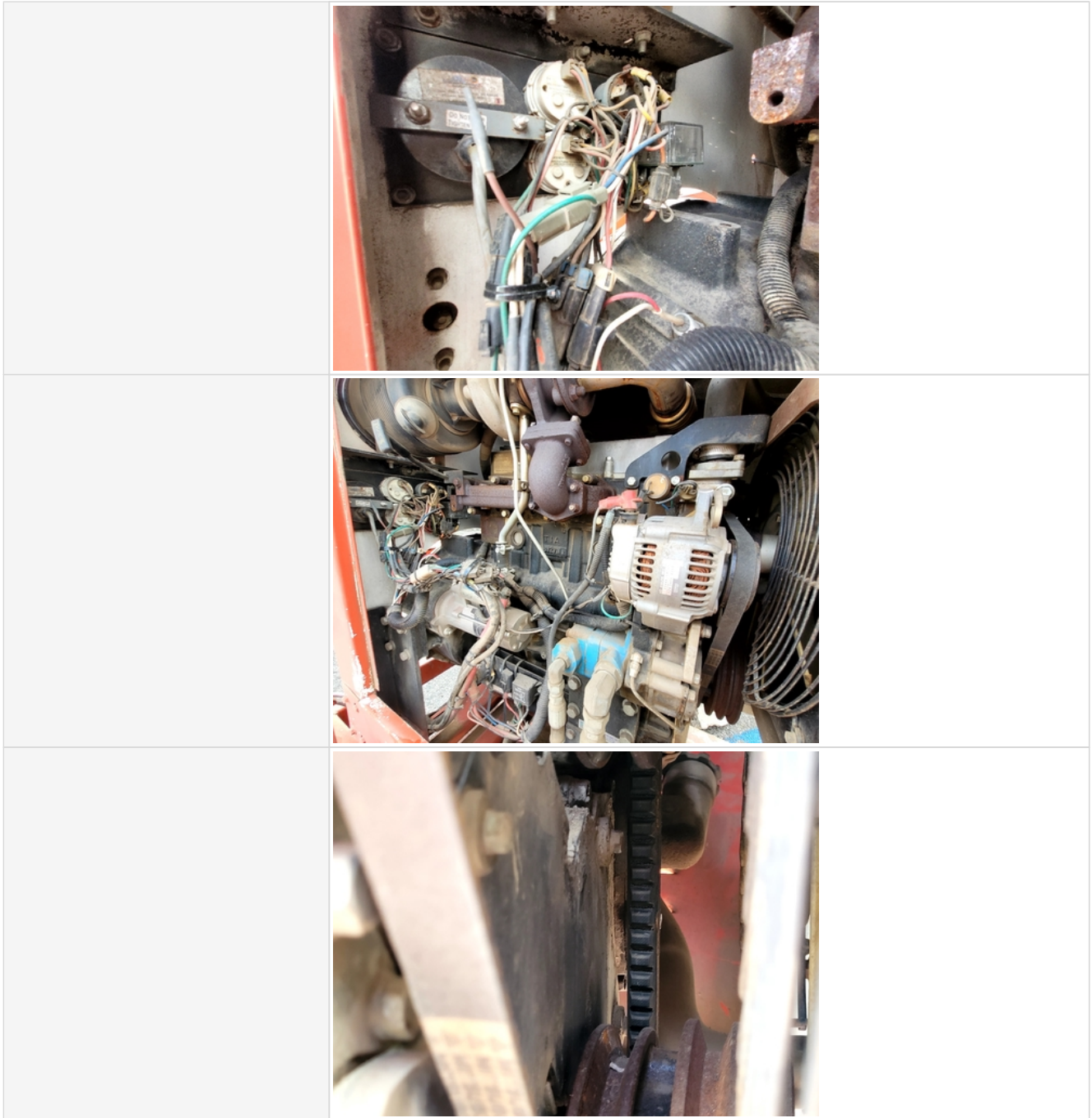
Engine

Engine Type (Make, Model, Cylinders, Hp)	Mitsubishi - 8043D33T - 3.3L - 4Cyl. - 78HP
Emissions Tier	Tier 3
Engine Serial Number	N/A
Engine Fuel Type	Diesel
Engine Photos	
	

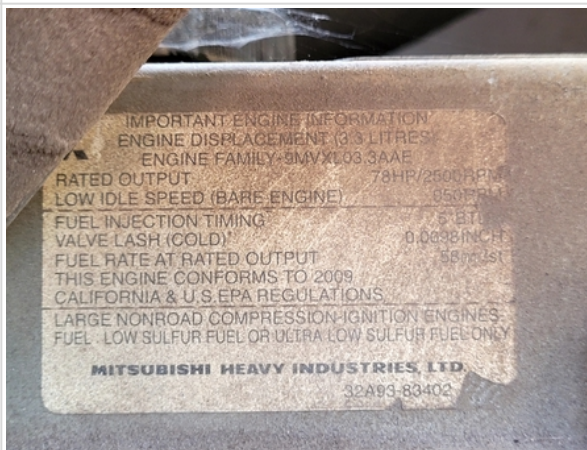
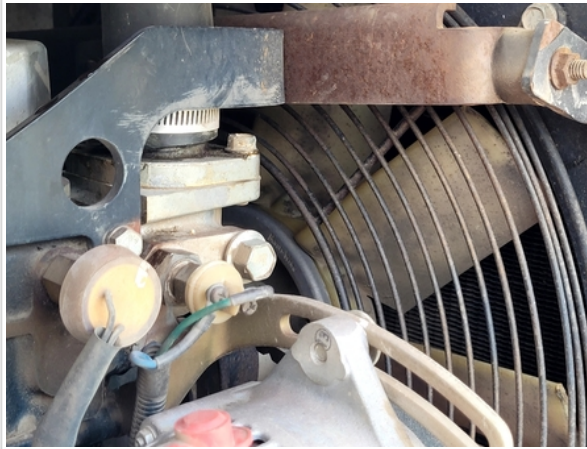
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Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Unusual Noise Notes	No unusual noises heard
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Smoke Notes	No engine smoke issues observed
Engine Exhaust Color	Clear

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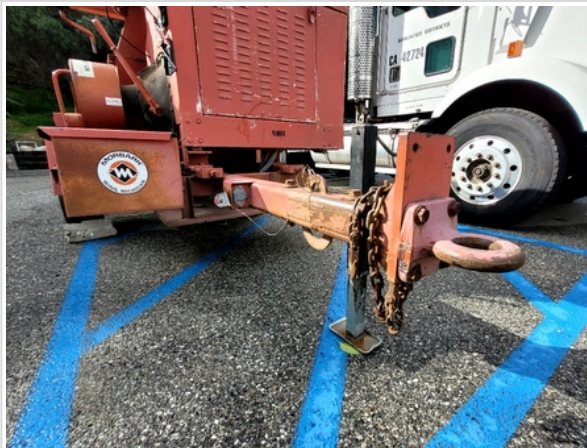
Battery	3 - Normal Wear & Tear
Battery Condition	Clean & dry appearance, tight connections
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	3 - Normal Wear & Tear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Color / Appearance	3 - Normal Wear & Tear
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination, Appropriate oil level
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Appearance	Clean & dry
Overall Engine Comments	Engine runs good and sounds healthy under load. No active leaks seen.

Chassis & Chipper Body Inspection Points



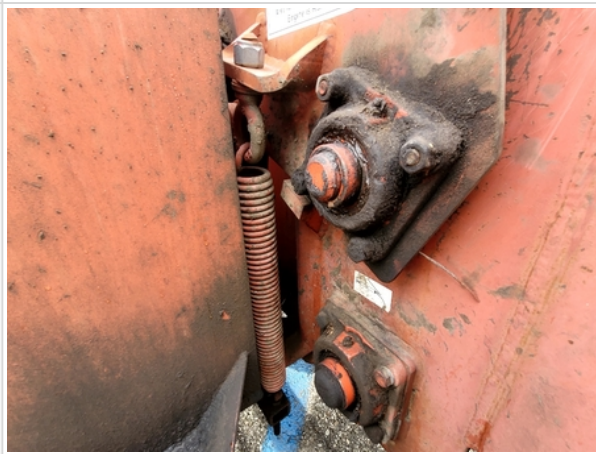
Chassis & Chipper Component Photos





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<p>Frame</p>	<p>3 - Normal Wear & Tear</p>
<p>Loading Arm</p>	<p>3 - Normal Wear & Tear</p>

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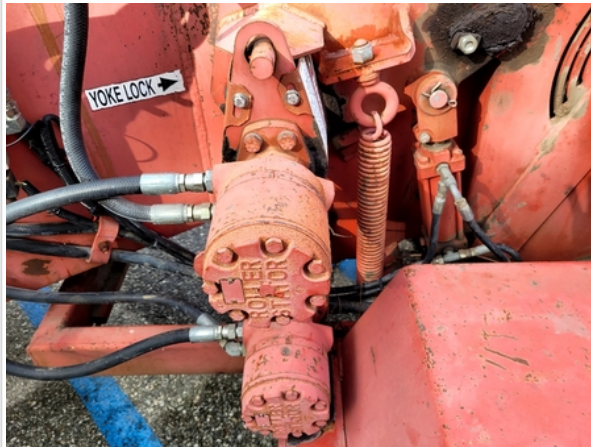
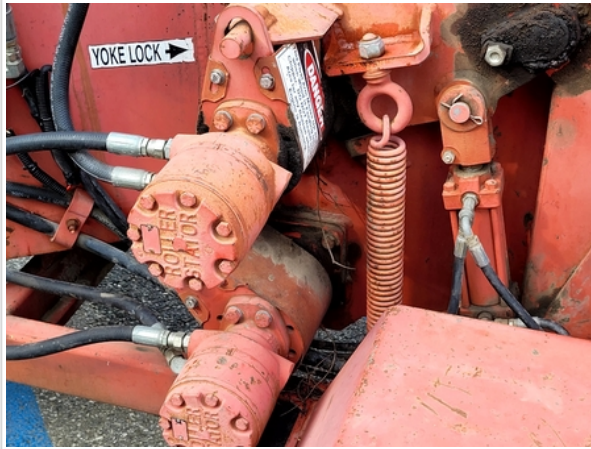
Loading Arm Photos	
	
Infeed	3 - Normal Wear & Tear
Chipper Drum	3 - Normal Wear & Tear
Hopper	3 - Normal Wear & Tear

Hydraulics Inspection Points



Hydraulics

Hydraulic System	Take close-up photos of the hydraulic components including the pump, lines, fittings, controls, and levers. Note any damage, wear, or leaks.
Hydraulic System Photos	

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Wet or Damp Hydraulic Lines / Fittings	No
Appearance of Hydraulic Lines / Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition
Unusual Noises (Hydraulic Pump)	No
Hydraulic Pump Notes	No unusual noises heard during operation
Comments	Hydraulics operating normally

Trailer & Fuel Tanks

Trailer Inspection Points

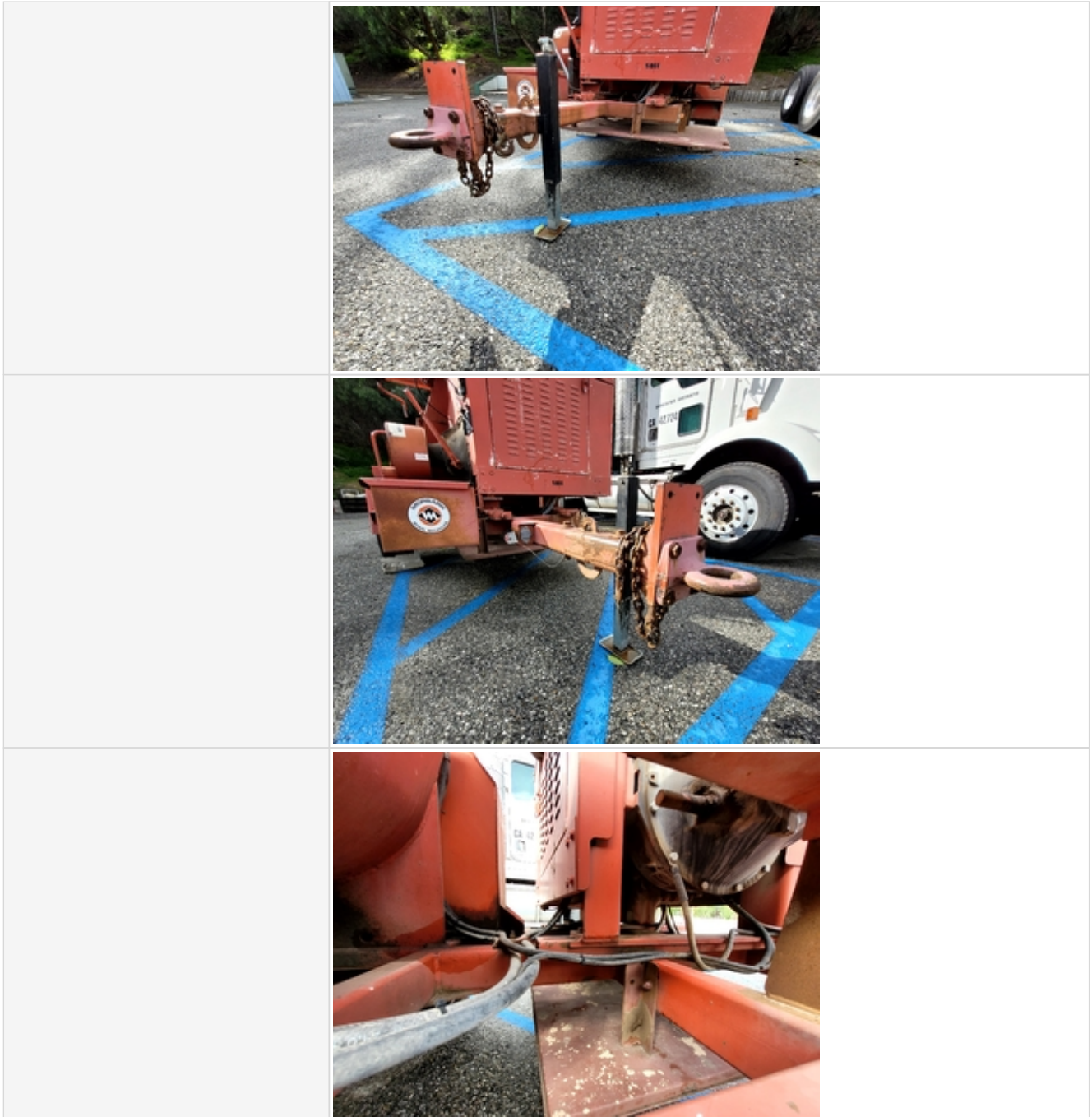
General Appearance Photos

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Overall Trailer & Undercarriage Photos



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Frame & Body

Frame Condition	3 - Normal Wear & Tear
Fenders	3 - Normal Wear & Tear
Mud Flaps	0
Trailer Lights/Wiring (Stop, Tail, Turn)	0
Reflectors	0

Hitch

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Hitch Type	Pintle
Hitch Condition	3 - Normal Wear & Tear
Drawbar	3 - Normal Wear & Tear
Strand Wear?	No

Suspension

Springs	0
U-Bolts	0
Torque Arms	3
Equalizer	0

Wheels & Tires

Wheels & Hub Condition	3 - Normal Wear & Tear
Loose Lugs	No
Tire Brand	Gladiator
Tire Size	ST225/75R/15
Front Left Tire - Ratio Remaining	50%

Front Left Tire Photos	
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Front Right Tire - Ratio Remaining	50%
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Front Right Tire Photos	
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Rear Right Tire - Ratio Remaining	50%
Rear Left Tire - Ratio Remaining	50%


Brake Components

Brake Type	Electric Brakes
Brake Controller	No
Wire Connections	3 - Normal Wear & Tear
Emergency Brake/Break-Away	2 - Above Average Wear
Comments	Cable system present but not tested
Emergency Brake/Break-Away Photos	

Overall Trailer Condition

Overall Trailer Condition	3 - Normal Wear & Tear
Overall Trailer Comments	Brake shoes not visible. Electric brakes and lights were not tested but visually look okay.
Fuel Tank Condition	3 - Normal Wear & Tear

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Fuel Tank Photos	
Fuel Lines & Hoses	3 - Normal Wear & Tear

Functional Test

Engine	3 - Normal, Operating as Expected
Chipper Function	3 - Normal, Operating as Expected
Controls	3 - Normal, Operating as Expected
Gauges & Meters	2 - Operable, but Diagnosis Needed
Comments	Gauges worn and almost unreadable
Trailer	3 - Normal, Operating as Expected
Overall Functional Test Comments	Overall engine and hydraulics operating well. Wood chippers main functions operating good. Trailer brakes and lighting was not tested.
Operating Video	Click to Download

Inspection Summary

Overall Assessment	
Exterior Rating	3 - Normal Wear & Tear
Interior Rating	3 - Normal Wear & Tear
Safety Rating	3 - Normal Wear & Tear
Quality Rating	3 - Normal Wear & Tear
Functionality Rating	3 - Normal, Operating as Expected
Overall Rating	3 - Normal Wear & Tear
What's Great About the Machine	Wood chipper was only used inhouse for landscape property upkeep. Equipment manager mentioned that the machine has low use. This machine has been well maintained and no active leaks observed. Machine currently registered with California Air Resources Board & should be legally able to operate in California.
What Needs Work	Exterior paint worn. Trailer brakes and lighting should be tested for proper operation. Operating gauges worn and hard to read.
Date/Time	02-24-2023