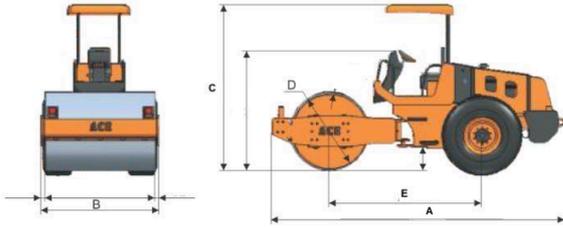


Inspection Report (Vibratory Compactor)

General Info

Year	2008
Make	Volvo
Model	SD 116DX
Serial Number	198742
Hour Meter Reading	1,688
Previous Application (e.g., earth moving, mining, demolition, etc)	Paving General Contractor

Dimensions

Measurement Guide	
A. Length (ft and inches)	19.35 in.
B. Width (ft and inches)	7.5 in.
C. Height (ft and inches)	10.15
D. Drum Diameter (ft and inches)	7'
E. Wheelbase (ft and inches)	10.18
Operational Weight (lbs)	10,852 lbs.

Features and Configuration

Control Station Type	Canopy
Heat	No
A/C	No
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Telematics	No
Drum System	Single Drum
Padfoot Roller?	Yes
Vibration Frequency (Hz)	31 to 34Hz
Centrifugal Force - Low/High (lbs)	Low - 47,900lbs / high - 61,000lbs
Water Spray System	No

Inspection Report (Vibratory Compactor)

Other Configuration Details / Notes	An additional front blade attachment is available with machine. It is currently disconnected from machine.
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Exterior 360 Walkaround

Exterior 360 Walkaround

Instructions	<p>Take photos of the exterior of the piece of equipment. Capture a full 360 degree walk around and all major components.</p> <p>Must have shots to capture:</p> <ul style="list-style-type: none"> - Front - 45 degree corner shot of left front - 45 degree corner shot of right front - Left side - Right side - Rear - 45 degree corner shot of left rear - 45 degree corner shot of right rear <p>Tips for good photos:</p> <ul style="list-style-type: none"> - Move the equipment into a open area without any visual distractions or other equipment in the background
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Exterior Walkaround Photos	
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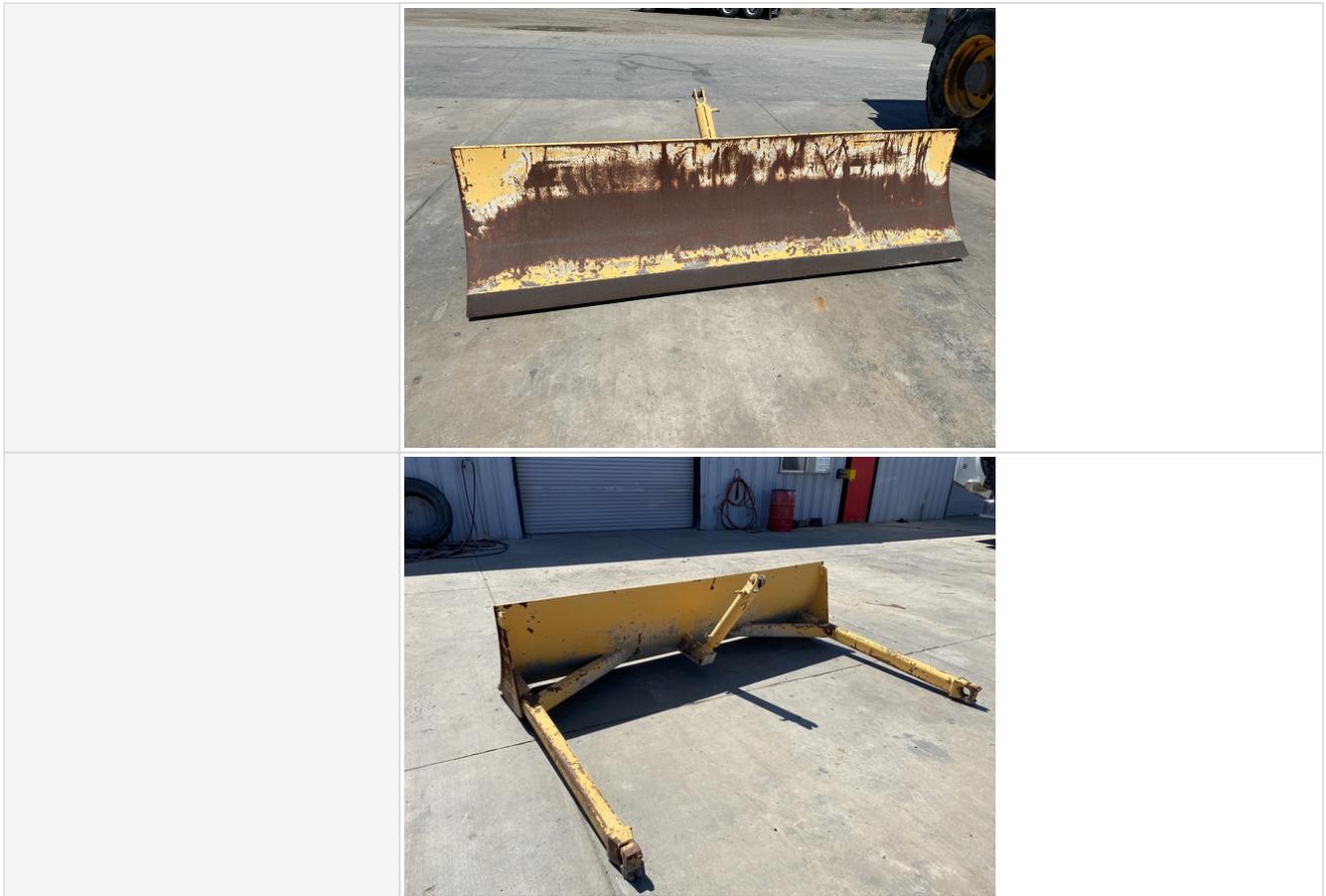
Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



General Appearance Inspection Points

General Appearance

Front	3 - Normal Wear & Tear
Front Condition	No visible damage, Visible chipped paint or dents, Other (see comments)
Comments	No damage just cosmetic scuff marks
Front Photos	

Inspection Report (Vibratory Compactor)

	
	
	
Rear	3 - Normal Wear & Tear
Rear Condition	No visible damage, Visible chipped paint or dents, Other (see comments)
Comments	No damage just cosmetic scuff marks and minor cracks in fiberglass hood

Inspection Report (Vibratory Compactor)

Rear Photos



Inspection Report (Vibratory Compactor)

	
	
	
Left	3 - Normal Wear & Tear
Left Condition	No visible damage, Visible chipped paint or dents, Other (see comments)
Comments	No damage just cosmetic scuff marks

Inspection Report (Vibratory Compactor)

Left Photos



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

		
Right	3 - Normal Wear & Tear	
Right Condition	No visible damage, Visible chipped paint or dents, Other (see comments)	
Comments	Slight damage to rear right side tie down hook (bent) and scuff marks	
Right Photos		
		

Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

	
	
	
Upper	3 - Normal Wear & Tear
Upper Condition	No visible damage

Inspection Report (Vibratory Compactor)

Upper Photos	
Body Panels (Any Rust Damage?)	3 - Normal Wear & Tear
Body Panel Condition	No visible damage, good paint condition and panel fitment, Other (see comments)
Comments	Operator control panel missing some covers(cosmetic)
Body Panels Photos	

Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

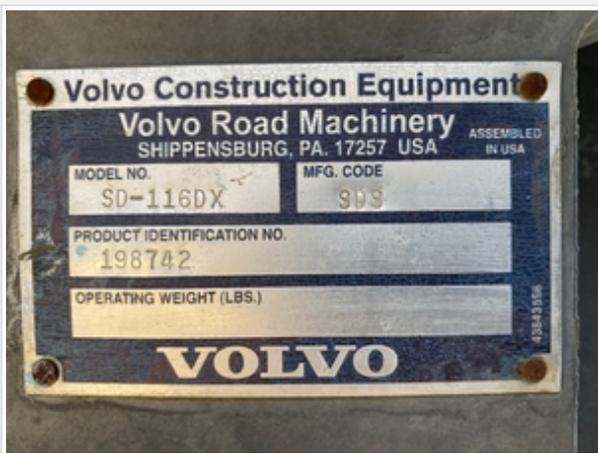
		
Doors / Canopy Latches	3 - Normal Wear & Tear	
Doors / Canopy Latches Condition	No visible damage	
Doors / Canopy Latches Photos		
		
Glass Condition	0	
Mirrors	0	
Lighting System	2 - Above Average Wear	
Lighting System Condition	No visible damage, lighting system is operational, Other (see comments)	
Comments	Factory lights on machine inop. Aftermarket rear strobe light okay	

Inspection Report (Vibratory Compactor)

Lighting System Photos		
		

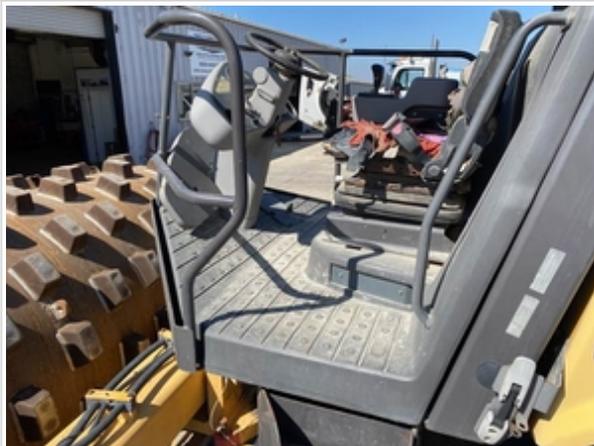
Control Station Inspection Points

Control Station

Serial Number Plate Photo		
Operator Cabin Overall	3 - Normal Wear & Tear	
Operator Cabin Overall Condition	Good cabin appearance, solid floors, panels, and ceiling, Other (see comments)	
Comments	Besides the seat the rest of the cabin in good condition	

Inspection Report (Vibratory Compactor)

Operator Cabin Photos



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

	
	
	
Operator's Seat & Arm Rests	2 - Above Average Wear
Operator's Seat & Arm Rests Condition	Seat(s) is damaged due to sun exposure; fading, cracking observed, Seat(s) has major surface staining or tears

Inspection Report (Vibratory Compactor)

Operator's Seat & Arm Rests
Photos



Inspection Report (Vibratory Compactor)

	
Seat Belt	3 - Normal Wear & Tear
Seat Belt Condition	Other (see comments)
Comments	Seat belt locks but not smooth
Seat Belt Photos	
Cabin Lights	0
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Safety Lock Out / Stop Photos	
Controls & Switches	3 - Normal Wear & Tear

Inspection Report (Vibratory Compactor)

Controls & Switches Condition	All switches are installed and functional, Other (see comments)
Comments	Unable to read front control panel switches (decals worn off)
Controls & Switches Photos	
	
	

Inspection Report (Vibratory Compactor)

	
	
	
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition

Inspection Report (Vibratory Compactor)

<p>Hour Meter Activity Photos</p>	
<p>Other Gauge Activity</p>	<p>3 - Normal Wear & Tear</p>
<p>Other Gauge Condition</p>	<p>All cockpit gauges are functional and in good condition, Gauges are functional, with some wear and/or cosmetic damage</p>
<p>Other Gauge Activity Photos</p>	
	

Inspection Report (Vibratory Compactor)

	
Heater & A/C	0
Fans / Vents	0
Travel Alarm	3 - Normal Wear & Tear
Travel Alarm Condition	Travel alarm is installed and functioning as expected
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	0
Fire Extinguisher	0
First Aid Kit	0

Engine Inspection Points

Engine

Engine Type (Make, Model, Cylinders, Hp)	Cummins QSB - 6.7L - 6Cyl. -160hp
Emissions Tier	Tier 3
Engine Serial Number	46878898
Engine Fuel Type	Diesel
Engine Photos	

Inspection Report (Vibratory Compactor)



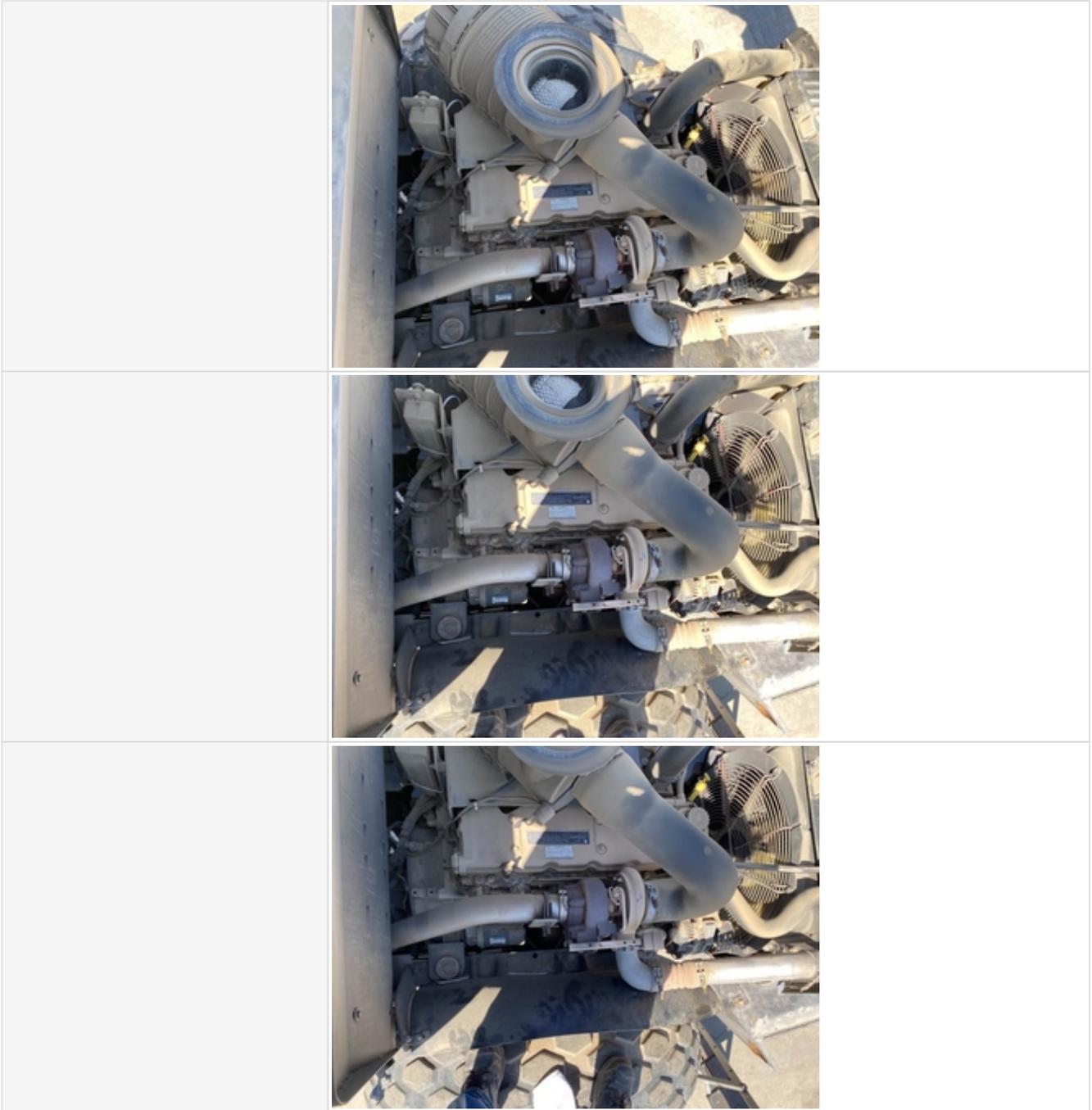
Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



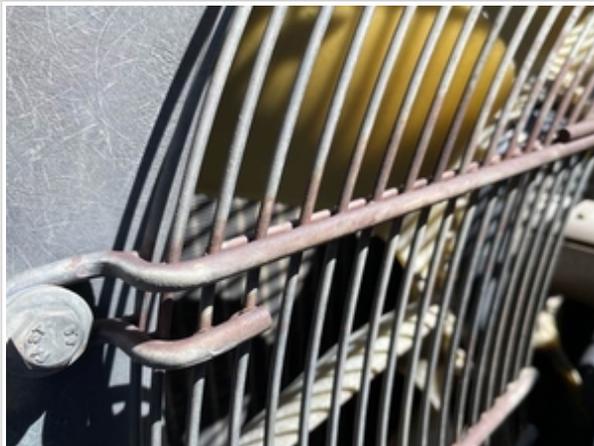
Inspection Report (Vibratory Compactor)

		
		
Blow-by (Visual Observation Check)	No	
Unusual Noises (Upon Start-up, Idle, Shutdown)	No	
Unusual Noise Notes	No unusual noises heard, Other (see comments)	
Comments	Exhaust piping to muffler broken so it sounds like open exhaust loud	
Engine Smoke (Upon Start-up, Idle, Shutdown)	No	
Engine Exhaust Color	Clear	
Battery	2 - Above Average Wear	
Battery Condition	Dusty & dirty appearance, Other (see comments)	
Comments	Battery hold down missing	

Inspection Report (Vibratory Compactor)

Battery Condition Photos	
	
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Radiator Photos	

Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

		
Belts	3 - Normal Wear & Tear	
Belt Condition	Belts appear in good condition & alignment with proper tension	
Belt Photos		
		

Inspection Report (Vibratory Compactor)

		
Hoses	3 - Normal Wear & Tear	
Hose Condition	Firm, pliant hoses with no signs of wear or leaks	
Hose Photos		
		

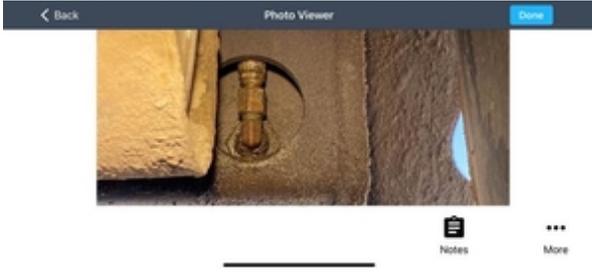
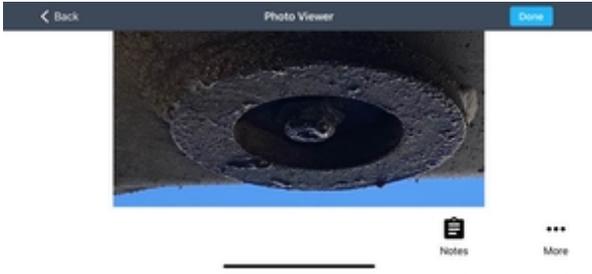
Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

		
		
Water Pump	3 - Normal Wear & Tear	
Water Pump Condition	No unusual pump noises heard	
Water Pump Photos		
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	

Inspection Report (Vibratory Compactor)

Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination, Appropriate oil level
Fuel Leaks	Yes
Fuel Leak Notes	Wet spots & streaking on fuel lines indicate an active leak, Other (see comments)
Comments	Fuel leak coming from rear fuel tank area, possible hose
Fuel Leaks Photos	 
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Appearance	Dusty & dry
Overall Engine Comments	Could use a psi wash. No active leaks found from engine. Exhaust broken before muffler. Fuel leaking from fuel tank.

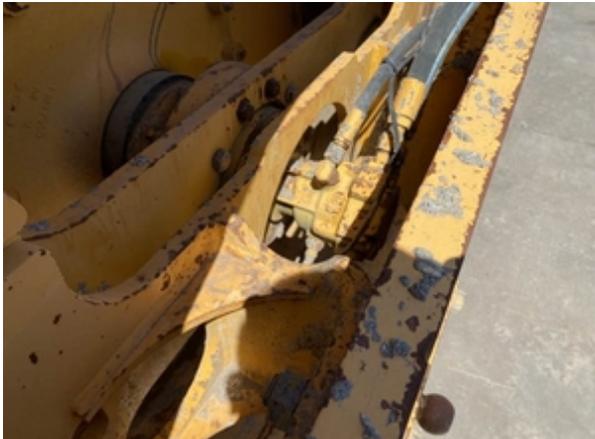
Drivetrain Inspection Points

Drivetrain	
Hydrostatic Transmission?	Yes
2 Speed?	Yes
Hydrostatic Drive Configuration	Other (see comments)
Comments	Drive motor to a rear axle propelled
Drive Motors	2 - Above Average Wear
Comments	Drive motor also on front drum

Inspection Report (Vibratory Compactor)

<p>Drive Motor Photos</p>	
	
	

Inspection Report (Vibratory Compactor)

	
	
	
Hydrostatic Parking Brake	3 - Normal Wear & Tear
Hydrostatic Parking Brake Condition	Good brake function

Inspection Report (Vibratory Compactor)

Hydrostatic Parking Brake Photos	
	
Overall Drivetrain Comments	Overall rear axle and drive motor look good and operate well.

Chassis Inspection Points

Frame	3 - Normal Wear & Tear
Frame Photos	

Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

	
	
<p>Level Stance</p>	<p>3 - Normal Wear & Tear</p>
<p>Level Stance Photos</p>	

Inspection Report (Vibratory Compactor)

		
Drum(s) Condition	3 - Normal Wear & Tear	
Comments	Sheepfoot stich welded to smooth drum	
Drum(s) Photos		
		

Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Vibratory Rubber Mounts (Front & Rear)

3 - Normal Wear & Tear

Inspection Report (Vibratory Compactor)

Vibratory Rubber Mounts (Front & Rear) Photos



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

		
		
		
Drum Scraper	2 - Above Average Wear	
Comments	Scraper frames in place, the scrapers that bolt to these are mostly missing	

Inspection Report (Vibratory Compactor)

<p>Drum Scraper Photos</p>		
		
		

Inspection Report (Vibratory Compactor)

		
		
<p>Wheels & Hub Condition</p>	<p>3 - Normal Wear & Tear</p>	
<p>Wheels & Hub Condition Photos</p>		

Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

		
Tire Brand	Galaxy	
Tire Size	23.1 -26	
Left Tire - Ratio Remaining	30%	
Left Tire Photos		
		

Inspection Report (Vibratory Compactor)

		
Right Tire - Ratio Remaining	30%	
Right Tire Photos		
		
Padfoot Feet Condition	3 - Normal Wear & Tear	
Comments	Some are in great condition others worn through surface. Most okay	

Inspection Report (Vibratory Compactor)

Padfoot Feet Condition Photos



Inspection Report (Vibratory Compactor)

		
Padfoot Fitment	3 - Normal Wear & Tear	
Comments	Solid to smooth drum not loose	
Padfoot Fitment Photos		
		

Inspection Report (Vibratory Compactor)

	
	
	
Padfoot Hardware	3 - Normal Wear & Tear
Comments	All intact plus welded on edges

Inspection Report (Vibratory Compactor)

Padfoot Hardware Photos	
	
	
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	Overall chasis holding together just fine. Tires getting old and have surface cracks.

Hydraulics Overall Inspection Points

Hydraulics Overall	
Wet or Damp Hydraulic Lines / Fittings	Yes
Appearance of Hydraulic Lines / Fittings	3

Inspection Report (Vibratory Compactor)

Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition, Dried seepages observed, Active leaks in hoses or fittings observed, Other (see comments)
Comments	Few hydraulic leaks found
Appearance of Hydraulic Lines / Fittings Photos	
	
	

Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

		
Unusual Noises (Hydraulic Pump)	No	
Hydraulic Pump Notes	No unusual noises heard during operation	
External Controls / Levers	3	
External Controls / Levers Condition	Good function & condition of hydraulic controls, Other (see comments)	
Comments	Forward and reverse controller stiff	
External Controls / Levers Photos		
		

Hydraulics Cylinders Inspection Points

Steering Cylinders	Check the steering cylinder. Note any wear, pitting, discoloration, etc. Take photos.
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Inspection Report (Vibratory Compactor)

Steering Cylinders: Mounting Pin	3
Steering Cylinders: Oil Leaks	No
Steering Cylinders Photos	
	
	

Inspection Report (Vibratory Compactor)



Functional Test

Instructions	Evaluate the following on a 4 point scale (leave comments where an explanation is appropriate): 4 = Like New, Recently Replaced 3 = Normal Wear & Tear 2 = Above Average Wear 1 = Service Required
Forward & Reverse	3 - Normal Wear & Tear
Comments	Forward and reverse control stiff. Operates fine but hard to push forward or reverse
Steering	3 - Normal Wear & Tear
Vibratory System	3 - Normal Wear & Tear
Front Drum	3 - Normal Wear & Tear
Rear Drum	0
Overall Functional Test Comments	All machine functions operate well.
Operating Video	Click to Download

Overall Assessment

Overall Assessment	
Exterior Rating	3
Interior Rating	3
Safety Rating	3
Quality Rating	3
Functionality Rating	3
Overall Rating	3
What's Great About the Machine	Machine is well maintained with minor repairs needed to have no leaks. All powertrain and hydraulic functions work as expected. No engine leaks found.
What Needs Work	Small fuel leak at rear. (Possibly hose to tank) Small hydraulic leak underneath at center hose and solenoid valve. Some front drum scrapers missing. All 4 r.o.p.s. Work lights inop. Need to label operator switches. Forward, neutral and reverse lever stiff and needs attention.



Inspection Report (Vibratory Compactor)

Date/Time	09-15-2022
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