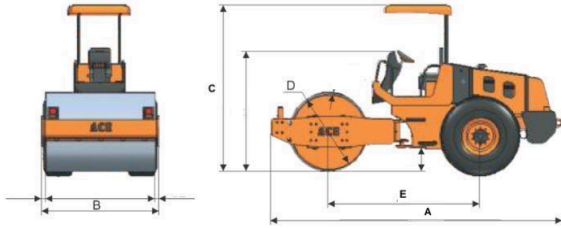


## Inspection Report (Vibratory Compactor)

### General Info

Year	2005
Make	Ingersoll-Rand
Model	DD-158HFA
Serial Number	181360
Hour Meter Reading	2,491 Hours
Previous Application (e.g., earth moving, mining, demolition, etc)	Asphalt Paving Construction

### Dimensions

Measurement Guide	
A. Length (ft and inches)	20'4"
B. Width (ft and inches)	7' 8"
C. Height (ft and inches)	10'6"
D. Drum Diameter (ft and inches)	5'
E. Wheelbase (ft and inches)	12'
Operational Weight (lbs)	33,810lbs.

### 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	Dual Drum
Padfoot Roller?	No
Vibration Frequency (Hz)	41.7 to 56.7
Centrifugal Force - Low/High (lbs)	(Low) 38,280 (high) 44,190
Water Spray System	Yes

## Inspection Report (Vibratory Compactor)

Water Spray System Capacity	328 Gallon Capacity
Other Configuration Details / Notes	68 gallon diesel fuel capacity

### Exterior 360 Walkaround

#### Exterior 360 Walkaround

<b>Instructions</b>	<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"> <li>- Front</li> <li>- 45 degree corner shot of left front</li> <li>- 45 degree corner shot of right front</li> <li>- Left side</li> <li>- Right side</li> <li>- Rear</li> <li>- 45 degree corner shot of left rear</li> <li>- 45 degree corner shot of right rear</li> </ul> <p>Tips for good photos:</p> <ul style="list-style-type: none"> <li>- Move the equipment into a open area without any visual distractions or other equipment in the background</li> </ul>
<b>Exterior Walkaround Photos</b>	
	

**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	Small scuff marks on front bumper






### Inspection Report (Vibratory Compactor)

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	Scuff marks present	
Rear Photos		

Inspection Report (Vibratory Compactor)



### Inspection Report (Vibratory Compactor)

	
	
	
<b>Left</b>	3 - Normal Wear & Tear
<b>Left Condition</b>	No visible damage, Visible chipped paint or dents, Other (see comments)
<b>Comments</b>	Small paint chipped areas present






### Inspection Report (Vibratory Compactor)


Left Photos



### Inspection Report (Vibratory Compactor)




		
<b>Right</b>	3 - Normal Wear & Tear	
<b>Right Condition</b>	No visible damage, Visible chipped paint or dents, Other (see comments)	
<b>Comments</b>	Small chipped paint areas present	
<b>Right Photos</b>		
		

### Inspection Report (Vibratory Compactor)

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



### Inspection Report (Vibratory Compactor)




	
<b>Body Panels (Any Rust Damage?)</b>	3 - Normal Wear & Tear
<b>Body Panel Condition</b>	No visible damage, good paint condition and panel fitment, Other (see comments)
<b>Comments</b>	Body panel missing on r/s
<b>Body Panels Photos</b>	
	






Inspection Report (Vibratory Compactor)



### Inspection Report (Vibratory Compactor)

	
	
<b>Doors / Canopy Latches</b>	3 - Normal Wear & Tear
<b>Doors / Canopy Latches Condition</b>	No visible damage
<b>Doors / Canopy Latches Photos</b>	




### Inspection Report (Vibratory Compactor)

		
Glass Condition	0	
Mirrors	0	
Lighting System	3 - Normal Wear & Tear	
Lighting System Condition	No visible damage, lighting system is operational	
Lighting System Photos		
		

### Control Station Inspection Points

#### Control Station

## Inspection Report (Vibratory Compactor)




Serial Number Plate Photo	 <p> <b>IR Ingersoll Rand</b>          SHIPPENSBURG, PA. 17257 ASSEMBLED IN USA          MODEL NO. DD-158HFA MFG. CODE SEP          PRODUCT IDENTIFICATION NO. 181350          OPERATING WEIGHT (LBS.)          13198288       </p>
Operator Cabin Overall	3 - Normal Wear & Tear
Operator Cabin Overall Condition	Good cabin appearance, solid floors, panels, and ceiling, Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling
Operator Cabin Photos	
	






Inspection Report (Vibratory Compactor)



### Inspection Report (Vibratory Compactor)




		
<b>Operator's Seat &amp; Arm Rests</b>	3 - Normal Wear & Tear	
<b>Operator's Seat &amp; Arm Rests Condition</b>	Seat(s) in good condition, no stains or tears in upholstery, Seat(s) have minor surface staining or small tears	
<b>Operator's Seat &amp; Arm Rests Photos</b>		
		

### Inspection Report (Vibratory Compactor)

		
		
<b>Seat Belt</b>	1 - Service Required	
<b>Seat Belt Condition</b>	Seat belt is inoperative or not installed, Other (see comments)	
<b>Comments</b>	Seat belt locks in place but does not retract or extend properly	
<b>Seat Belt Photos</b>		
<b>Cabin Lights</b>	0	
<b>Safety Lock Out / Stop</b>	3 - Normal Wear & Tear	
<b>Safety Lock Out / Stop Condition</b>	Safety lock out device is present, in good condition, and functional	





## Inspection Report (Vibratory Compactor)

<b>Safety Lock Out / Stop Photos</b>	
<b>Controls &amp; Switches</b>	3 - Normal Wear & Tear
<b>Controls &amp; Switches Condition</b>	All switches are installed and functional
<b>Controls &amp; Switches Photos</b>	
	
<b>Hour Meter Activity</b>	3 - Normal Wear & Tear
<b>Hour Meter Condition</b>	Hour meter is functional and in good condition, Hour meter is functional, with some minor wear and/or cosmetic damage



## Inspection Report (Vibratory Compactor)




Hour Meter Activity Photos	
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition, Gauges are functional, with some wear and/or cosmetic damage
Other Gauge Activity Photos	
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 QB6.7 - Turbocharged 6 Cyl - 185 HP.
Emissions Tier	Tier 2

### Inspection Report (Vibratory Compactor)

Engine Serial Number	46414638
Engine Fuel Type	Diesel
Engine Photos	
	
	

Inspection Report (Vibratory Compactor)





Inspection Report (Vibratory Compactor)










Inspection Report (Vibratory Compactor)





### Inspection Report (Vibratory Compactor)

	
	
<b>Blow-by (Visual Observation Check)</b>	No
<b>Unusual Noises (Upon Start-up, Idle, Shutdown)</b>	No
<b>Unusual Noise Notes</b>	No unusual noises heard
<b>Engine Smoke (Upon Start-up, Idle, Shutdown)</b>	No
<b>Engine Smoke Notes</b>	No engine smoke issues observed
<b>Engine Exhaust Color</b>	Clear
<b>Battery</b>	3 - Normal Wear & Tear
<b>Battery Condition</b>	Like new, recently replaced, Other (see comments)
<b>Comments</b>	Batteries upgraded to Optimas

## Inspection Report (Vibratory Compactor)

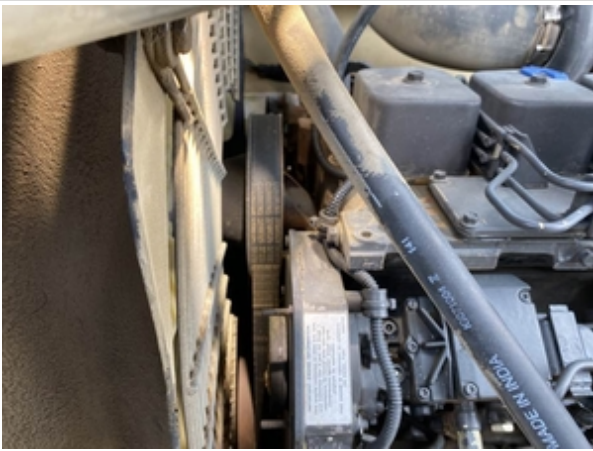


<b>Battery Condition Photos</b>	
	
<b>Radiator</b>	3 - Normal Wear & Tear
<b>Radiator Condition</b>	Radiator fins & components appear to be in good working order, no signs of damage or leaks
<b>Radiator Photos</b>	

### Inspection Report (Vibratory Compactor)

		
<b>Belts</b>	2 - Above Average Wear	
<b>Belt Condition</b>	Frayed belt edges observed, Other (see comments)	
<b>Comments</b>	Serpentine belt has wear cracks, should be replaced soon	
<b>Belt Photos</b>		



### Inspection Report (Vibratory Compactor)

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

Inspection Report (Vibratory Compactor)





Inspection Report (Vibratory Compactor)






## Inspection Report (Vibratory Compactor)

		
<b>Water Pump</b>	3 - Normal Wear & Tear	
<b>Water Pump Condition</b>	No unusual pump noises heard	
<b>Cooling System Leaks</b>	No	
<b>Coolant Color / Appearance</b>	3 - Normal Wear & Tear	
<b>Coolant Color/Appearance Notes</b>	Normal Translucent appearance, no visual signs of contamination	
<b>Oil Leaks</b>	No	
<b>Oil Color / Appearance</b>	3 - Normal Wear & Tear	
<b>Oil Color / Appearance Notes</b>	Clean oil appearance, no signs of cross contamination, Appropriate oil level, Other (see comments)	
<b>Comments</b>	Oil recently changed	
<b>Fuel Leaks</b>	Yes	
<b>Fuel Leak Notes</b>	Areas of accumulated dust & grime on fuel lines indicate a possible leak	
<b>Comments</b>	Seepage leaks from low pressure fuel lines and transfer pump	
<b>Fuel Leaks Photos</b>		




## Inspection Report (Vibratory Compactor)

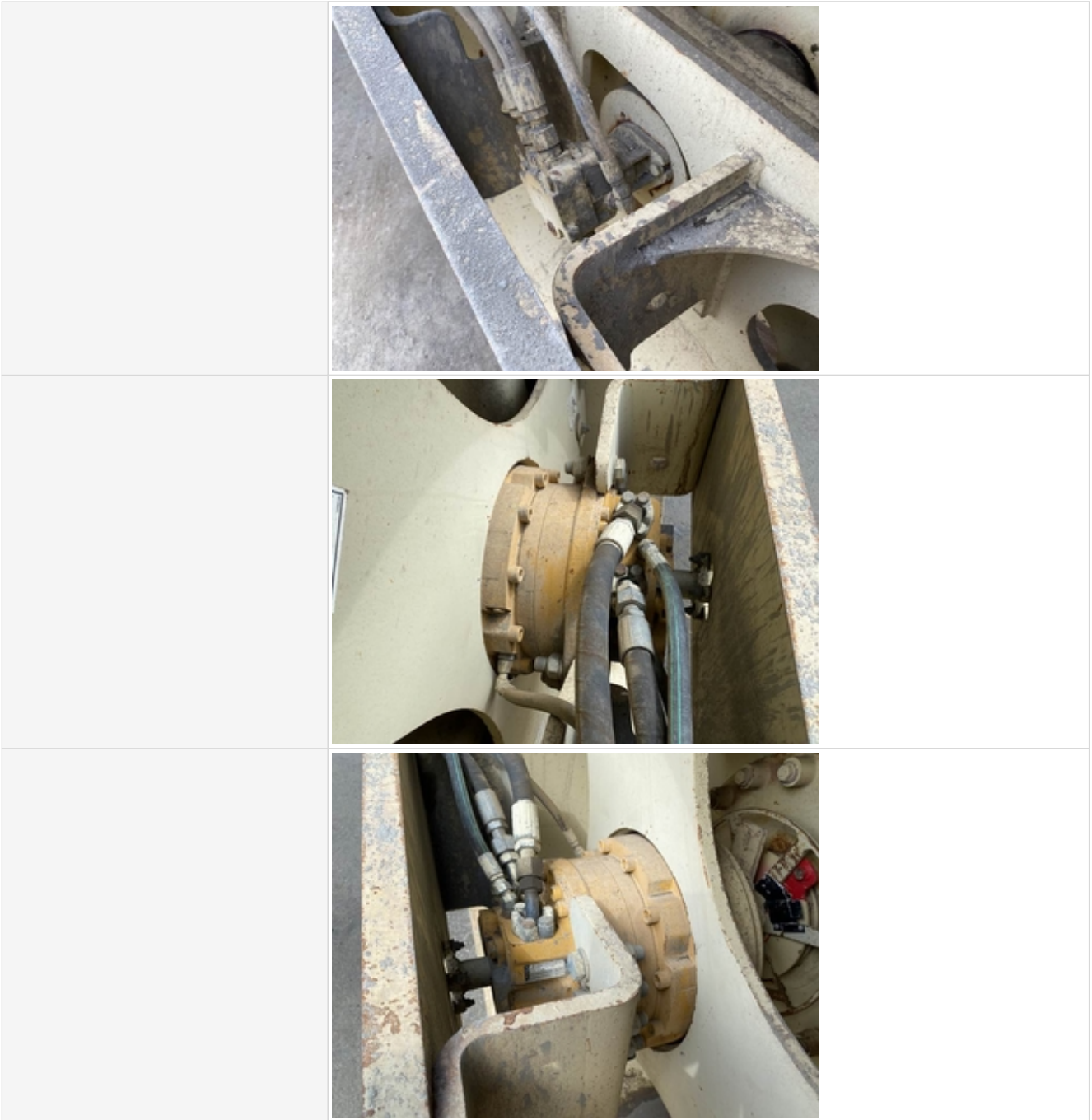
		
<b>Equipped with DPF (Diesel Particulate Filter)</b>	No	
<b>Requires DEF (Diesel Exhaust Fluid)</b>	No	
<b>Overall Engine Appearance</b>	Clean & dry	
<b>Overall Engine Comments</b>	Overall engine looks & sounds healthy. Very well maintained with only a few fuel hoses that may need to be replaced. Exhaust muffler bent upwards, still works okay.	

## Drivetrain Inspection Points



### Drivetrain

<b>Hydrostatic Transmission?</b>	Yes	
<b>2 Speed?</b>	Yes	
<b>Hydrostatic Drive Configuration</b>	Other (see comments)	
<b>Comments</b>	Hydraulic pump powered to drive motor	
<b>Drive Motors</b>	3 - Normal Wear & Tear	
<b>Drive Motor Photos</b>		

Inspection Report (Vibratory Compactor)



### Inspection Report (Vibratory Compactor)

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

### Chassis Inspection Points

Frame	3 - Normal Wear & Tear
Frame Photos	

Inspection Report (Vibratory Compactor)











Inspection Report (Vibratory Compactor)



**Inspection Report (Vibratory Compactor)**

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

### Inspection Report (Vibratory Compactor)

		
<b>Drum(s) Condition</b>	3 - Normal Wear & Tear	
<b>Drum(s) Photos</b>		
		



Inspection Report (Vibratory Compactor)



### Inspection Report (Vibratory Compactor)

		
		
		
<b>Vibratory Rubber Mounts (Front &amp; Rear)</b>	3 - Normal Wear & Tear	
<b>Comments</b>	Front left side drum isolator mounts all replaced all others except 1 in fair to good condition	

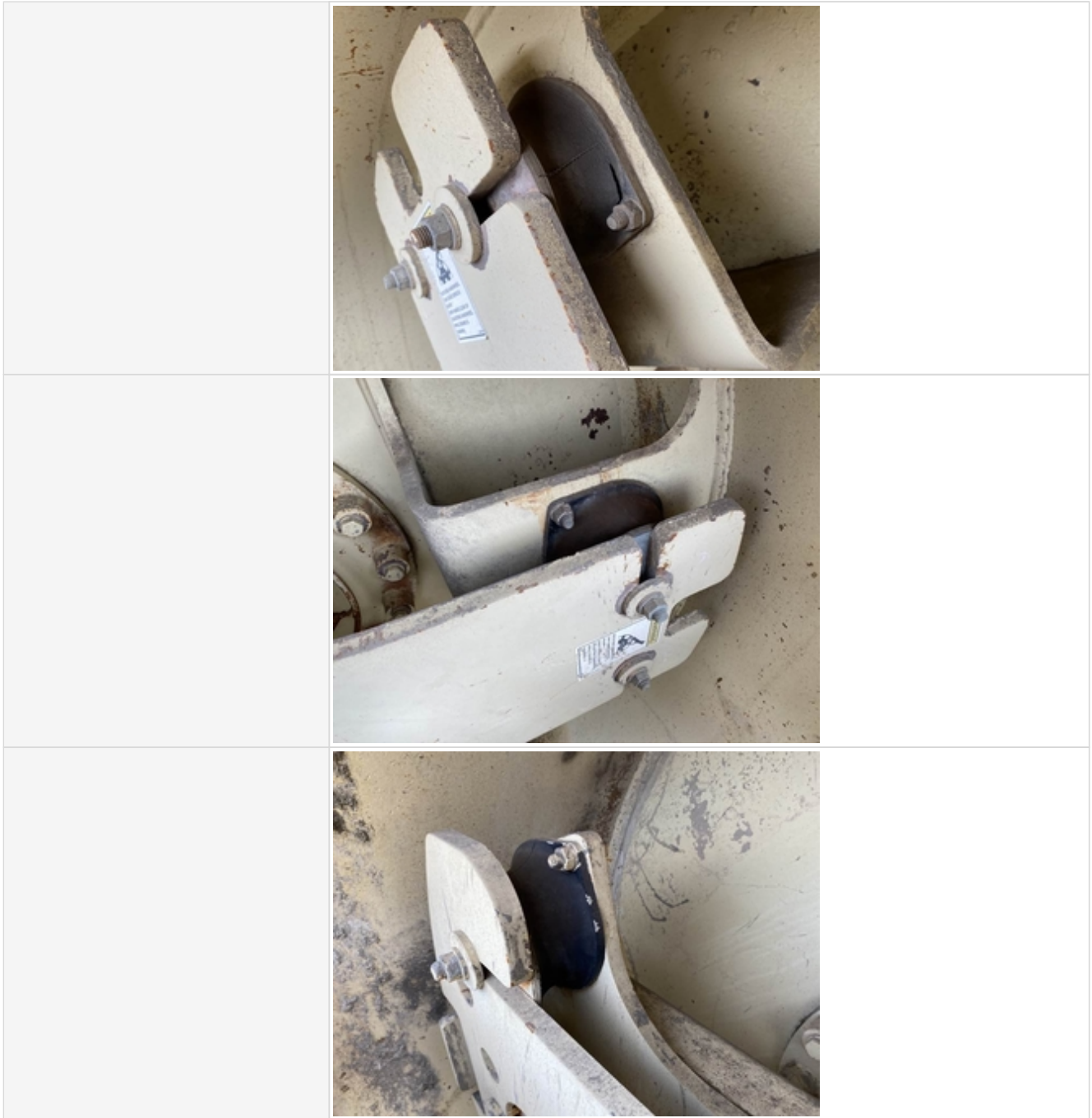
### Inspection Report (Vibratory Compactor)

Vibratory Rubber Mounts (Front & Rear) Photos











Inspection Report (Vibratory Compactor)




Inspection Report (Vibratory Compactor)

		
		
		
<p>Drum Scraper</p>	<p>3 - Normal Wear &amp; Tear</p>	

### Inspection Report (Vibratory Compactor)



<p>Drum Scraper Photos</p>		
		
		

## Inspection Report (Vibratory Compactor)

		
Overall Chassis	3 - Normal Wear & Tear	

### Hydraulics Overall Inspection Points

#### Hydraulics Overall

Wet or Damp Hydraulic Lines / Fittings	Yes	
Appearance of Hydraulic Lines / Fittings	3	
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition, Dried seepages observed	
Appearance of Hydraulic Lines / Fittings Photos		
		



Inspection Report (Vibratory Compactor)





Inspection Report (Vibratory Compactor)



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	
External Controls / Levers Photos		

### Hydraulics Cylinders Inspection Points

Steering Cylinders	Check the steering cylinder. Note any wear, pitting, discoloration, etc. Take photos.	
Steering Cylinders: Mounting Pin	3	
Steering Cylinders: Oil Leaks	No	



### Inspection Report (Vibratory Compactor)

Steering Cylinders Photos



## Inspection Report (Vibratory Compactor)



### Functional Test

Forward & Reverse	3 - Normal Wear & Tear
Steering	3 - Normal Wear & Tear
Vibratory System	3 - Normal Wear & Tear
Front Drum	3 - Normal Wear & Tear
Rear Drum	3 - Normal Wear & Tear
Comments	Rear left side drum has recently replaced vibratory unit
Overall Functional Test Comments	Overall all main functions works properly.
Operating Video	<a href="#">Click to Download</a>

### Overall Assessment

#### Overall Assessment

Exterior Rating	3
Interior Rating	3
Safety Rating	3
Quality Rating	3
Functionality Rating	3



## Inspection Report (Vibratory Compactor)

<b>Overall Rating</b>	3
<b>What's Great About the Machine</b>	Machine has low hours and plenty of work life left on this unit. Engine and hydraulic power train sound great and function well.
<b>What Needs Work</b>	Fuel lines, serpentine belt, bottom muffler bent, some hydraulic hoses seeping and others showing signs of wear/cracks only 1 drump spray system works
<b>Any Additional Info from the Seller?</b>	Possible invoice for vibratory motor
<b>Date/Time</b>	09-29-2022