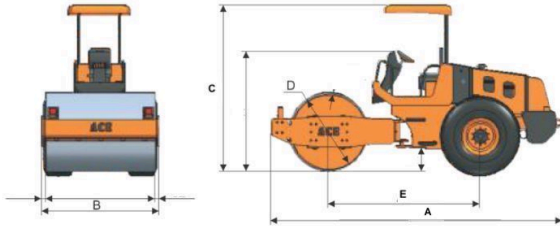


Inspection Report (Vibratory Compactor)

General Info

Year	2012
Make	Hamm
Model	HD12
Serial Number	H20Q1545
Hour Meter Reading	859.6
Previous Application (e.g., earth moving, mining, demolition, etc)	asphalt roller

Dimensions

Measurement Guide	
A. Length (ft and inches)	99.6in
B. Width (ft and inches)	51.6in
C. Height (ft and inches)	6ft
D. Drum Diameter (ft and inches)	28.3in
E. Wheelbase (ft and inches)	47.2in
Operational Weight (lbs)	5,942

Features and Configuration

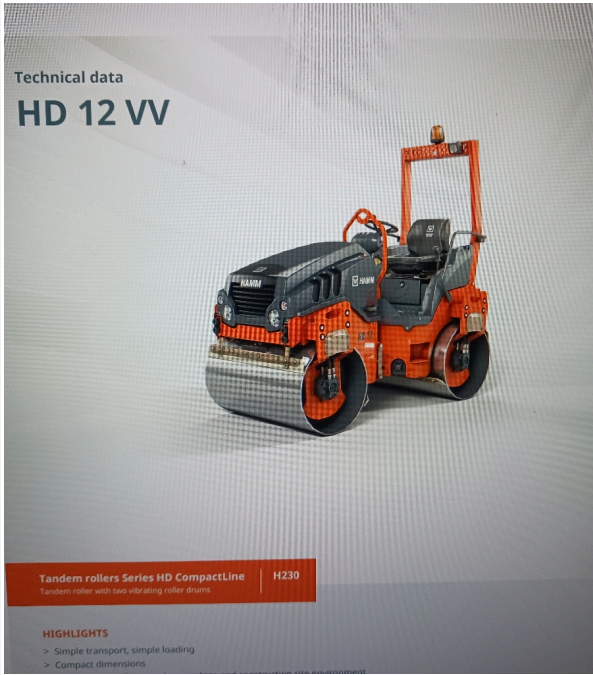
Control Station Type	Canopy
Heat	No
A/C	No
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	Yes
Telematics	No
Drum System	Dual Drum
Padfoot Roller?	No
Vibration Frequency (Hz)	3,900/3,060
Centrifugal Force - Low/High (lbs)	8,550/5,175
Water Spray System	Yes

Inspection Report (Vibratory Compactor)

Water Spray System Capacity	47.6 gal
Other Configuration Details / Notes	This machine does not have a canopy or a cab.

OMM Specifications

OMM Specifications




Detail Specifications	Take photos of the detailed spec pages included in the operator's manual
OMM Spec Photos	

TECHNICAL DATA HD 12 VV (H230)	
Weights	
Operating weight with ROPS	kg 2695 lbs 5,942
Max. operating weight	kg 3410 lbs 7,519
Static linear load, front/rear	kg/cm 11,111.3 lb/in 62,763.3
French classification, value/class	11,3PV3
Machine dimensions	
Total length	mm 2530 in 99.6
Total height with ROPS	mm 2475 in 97.4
Height loading, min.	mm 1752 in 69.0
Center distance	mm 1780 in 69.9
Total width	mm 1310 in 51.6
Maximum working width	mm 1250 in 49.2
Ground clearance, center	mm 280 in 11.0
Curb clearance, left/right	mm 370/270 in 20.4/22.4
Turning radius, inside	mm 2370 in 93.3
Drum dimensions	
Drum width, front/rear	mm 1200/1200 in 47.24/47.2
Drum diameter, front/rear	mm 220/210 in 28.3/28.3
Drum thickness, front/rear	mm 15/15 in 0.6/0.6
Drum type, front	Smooth/iron split
Drum type, rear	Smooth/iron split
Track offset, left/right	mm 0/50 in 0.0/2.0
Diesel engine	
Manufacturer	Kubota
Model	D1703
Cylinders, quantity	3
Power ISO 14396, kW/PS/brg	18.5/25.3/2200
Power SAE J1349, kW/PS/brg	18.5/26.3/2200
Exhaust emission standard	EU Stage V / EPA Tier 4
Exhaust gas after treatment	
Travel drive	
Speed, arbitrary variable	km/h 10.2 mph 6.3
Gradeability, with/without vibration	% 30/49
Vibration	
Vibration frequency, rear, I/II	Hz 65/51 vpm 3,903/3,050
Amplitude, front, I/II	mm 0,45/0,45 in 0.018/0.018
Amplitude, rear, I/II	mm 0,45/0,45 in 0.018/0.018
Centrifugal force, front, I/II	kN 39/23 lbs 8,550/5,175
Centrifugal force, rear, I/II	kN 39/23 lbs 8,550/5,175
Steering	
Swing angle, °/s	8
Steering type	Articulated steering
Water-sprinkling system	
Water-sprinkling type	Pressure
Tank capacity/filling capacity	
Fuel tank, capacity	L 42 Gal 11.1
Water tank, capacity	L 160 Gal 47.6
Sound level	
Sound power level (LWA) guaranteed	dB(A) 106
Sound power level (LWA) representative measurement	dB(A) 104
EQUIPMENT	
12 V power socket 3-point articulation Dashboard with displays, indicator lights and switches Dash board (lower), adjustable and weather-resistant Pressure water-sprinkling system Driver's platform with entry from both sides Drive lever, left and right Mechanical battery isolation switch Vibration-isolated driver's platform Track offset, mechanical Automatic vibration system Water filter system (3-fold) Central lifting bracket Central water outlet	
OPTIONAL EQUIPMENT	
Plastic scraper, foldable ROPS, foldable Protective roof, plastic tarpaulin Edge pressing and cutting equipment Back-up alarm Working light Battery isolation switch operated with external activation V-belt protection	

Exterior 360 Walkaround

Inspection Report (Vibratory Compactor)

Exterior 360 Walkaround

<p>Instructions</p>	<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
<p>Exterior Walkaround Photos</p>	
	
	

Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



General Appearance Inspection Points

General Appearance

Close-up Exterior Photos



area of rust/missing paint, and faded hood

Inspection Report (Vibratory Compactor)



area of rust/missing paint



faded hood, the emblem is missing paint/decals, and the lights are dirty



faded/missing paint on grill and the lights are dirty



small areas of rust/missing paint

Inspection Report (Vibratory Compactor)






small areas of rust/missing paint



small areas of rust/missing paint



Inspection Report (Vibratory Compactor)

		
		
Body Panels	3 - Normal Wear & Tear	
Body Panel Condition	Visible chipped paint or dents	
Body Panels Photos		

Inspection Report (Vibratory Compactor)





missing canopy



missing canopy

Doors / Canopy Latches	0
Steps / Ladders	3 - Normal Wear & Tear

Inspection Report (Vibratory Compactor)

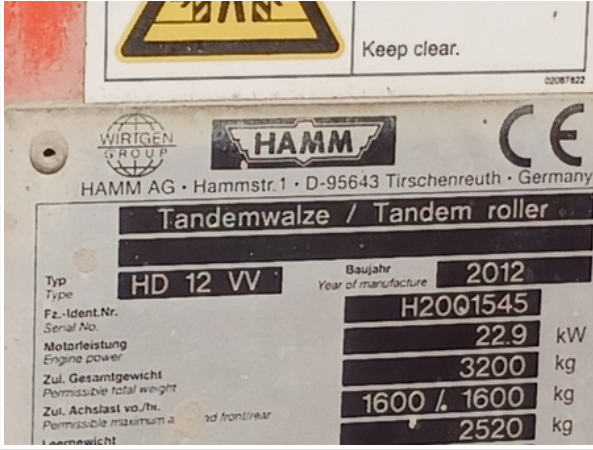

Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound
Handrails	0
Glass	0
Mirrors	0
Exterior Lights	3 - Normal Wear & Tear
Exterior Lights Condition	No visible damage, lighting system is operational, Other (see comments)
Comments	light and blinkers are in working condition they are just dirty
Exterior Lights Photos	 <p>light does work it is just dirty, blinkers work</p>
	 <p>lights work, they are just dirty</p>

Inspection Report (Vibratory Compactor)



Control Station Inspection Points

Control Station

Control Station	Take close-up photos of operator control station or cab including the floors, panels, headliner, seat, controls & displays, gauges & meters, and interior lights. Note any damage or wear.																																													
Serial Number Plate Photo	 <table border="1" data-bbox="566 1131 1129 1473"> <tr> <td colspan="2">WIRTIKEN GROUP</td> <td colspan="2">HAMM</td> <td>CE</td> </tr> <tr> <td colspan="5">Hamm AG • Hammstr.1 • D-95643 Tirschenreuth • Germany</td> </tr> <tr> <td colspan="5">Tandemwalze / Tandem roller</td> </tr> <tr> <td>Typ Type</td> <td>HD 12 W</td> <td>Baujahr Year of manufacture</td> <td colspan="2">2012</td> </tr> <tr> <td>Fz.-Ident.Nr. Serial No.</td> <td colspan="4">H20Q1545</td> </tr> <tr> <td>Motorleistung Engine power</td> <td colspan="4">22.9 kW</td> </tr> <tr> <td>Zul. Gesamtgewicht Permissible total weight</td> <td colspan="4">3200 kg</td> </tr> <tr> <td>Zul. Achslast v./h. Permissible maximum a nd front/rear weight</td> <td colspan="4">1600 / 1600 kg</td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="2">2520 kg</td> </tr> </table>	WIRTIKEN GROUP		HAMM		CE	Hamm AG • Hammstr.1 • D-95643 Tirschenreuth • Germany					Tandemwalze / Tandem roller					Typ Type	HD 12 W	Baujahr Year of manufacture	2012		Fz.-Ident.Nr. Serial No.	H20Q1545				Motorleistung Engine power	22.9 kW				Zul. Gesamtgewicht Permissible total weight	3200 kg				Zul. Achslast v./h. Permissible maximum a nd front/rear weight	1600 / 1600 kg							2520 kg	
WIRTIKEN GROUP		HAMM		CE																																										
Hamm AG • Hammstr.1 • D-95643 Tirschenreuth • Germany																																														
Tandemwalze / Tandem roller																																														
Typ Type	HD 12 W	Baujahr Year of manufacture	2012																																											
Fz.-Ident.Nr. Serial No.	H20Q1545																																													
Motorleistung Engine power	22.9 kW																																													
Zul. Gesamtgewicht Permissible total weight	3200 kg																																													
Zul. Achslast v./h. Permissible maximum a nd front/rear weight	1600 / 1600 kg																																													
			2520 kg																																											
Operator Cabin Photos	 <p data-bbox="534 1933 1161 1960">missing cover for water system and the controls are faded</p>																																													

Inspection Report (Vibratory Compactor)



big tears on the seat





big tears on the seat




Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

		
Operator Cabin Overall	3 - Normal Wear & Tear	
Operator Cabin Overall Condition	Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling	
Operator Seat	2 - Above Average Wear	
Operator Seat Condition	Seat(s) is damaged due to sun exposure; fading, cracking observed, Seat(s) has major surface staining or tears, Seat belt secures properly, Seat belt is intact and in good condition	
Operator Seat Photos		

Inspection Report (Vibratory Compactor)

	
	
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
Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed

Inspection Report (Vibratory Compactor)

Controls & Switches Photos



Inspection Report (Vibratory Compactor)

	
	
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional, with some minor wear and/or cosmetic damage
Comments	there is a minor black spot on the screen but the meter is readable and in working condition
Hour Meter Activity Photos	
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition




Inspection Report (Vibratory Compactor)

Other Gauge Activity Photos	
	
	
Heater & A/C	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

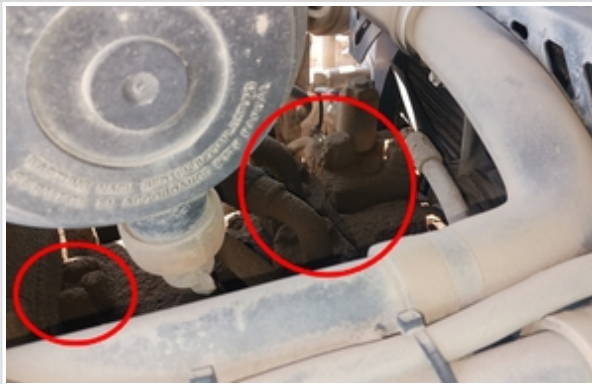
Engine Inspection Points

Engine

Inspection Report (Vibratory Compactor)

Engine Type (Make, Model, Cylinders, Hp)	Kubota, D1503, 3cylinder, 30.8Hp
Emissions Tier	Tier 4i
Engine Serial Number	BL0404
Engine Fuel Type	Diesel
Engine Photos	
	 <p data-bbox="536 1361 770 1391">normal wear and tear</p>
	

Inspection Report (Vibratory Compactor)



gunky/dirty area



dirty/gunk area and area was moist

Inspection Report (Vibratory Compactor)






dirty/gunky area






dirty/gunky area






Inspection Report (Vibratory Compactor)

	
Blow-by (Visual Observation Check)	N/A
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
Battery	3 - Normal Wear & Tear
Battery Condition	Dusty & dirty appearance
Comments	normal amount of wear and tear
Battery Condition Photos	
	

Inspection Report (Vibratory Compactor)

		
Radiator	3 - Normal Wear & Tear	
Radiator Condition	Signs of defects, chips, or contamination buildup seen on cooling fan	
Radiator Photos	 <p>clogged/dirty areas</p>	
	 <p>clogged/dirty areas</p>	

Inspection Report (Vibratory Compactor)

		
	<p>clogged/dirty areas</p>	
Belts	<p>3 - Normal Wear & Tear</p>	
Belt Condition	<p>Belts appear in good condition & alignment with proper tension</p>	
Hoses	<p>3 - Normal Wear & Tear</p>	
Hose Condition	<p>Dried seepages observed, Other (see comments)</p>	
Comments	<p>some hoses have a moist appearance</p>	
Hose Photos		
		

Inspection Report (Vibratory Compactor)



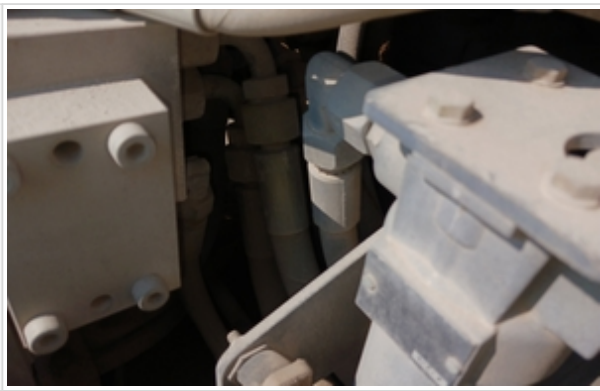

moist area with dirty/gunky residue on the hose



moist area with dirty/gunky residue on the hose



Inspection Report (Vibratory Compactor)




		
		
Water Pump	3 - Normal Wear & Tear	
Water Pump Condition	No unusual pump noises heard	
Cooling System Leaks	No	
Coolant Color / Appearance	0	
Oil Leaks	No	
Oil Color / Appearance	3 - Normal Wear & Tear	
Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination	
Fuel Leaks	No	
Requires DEF (Diesel Exhaust Fluid)	No	
Overall Engine Appearance	Areas of dried seepage seen on engine hoses & components, Very dirty	

Drivetrain Inspection Points

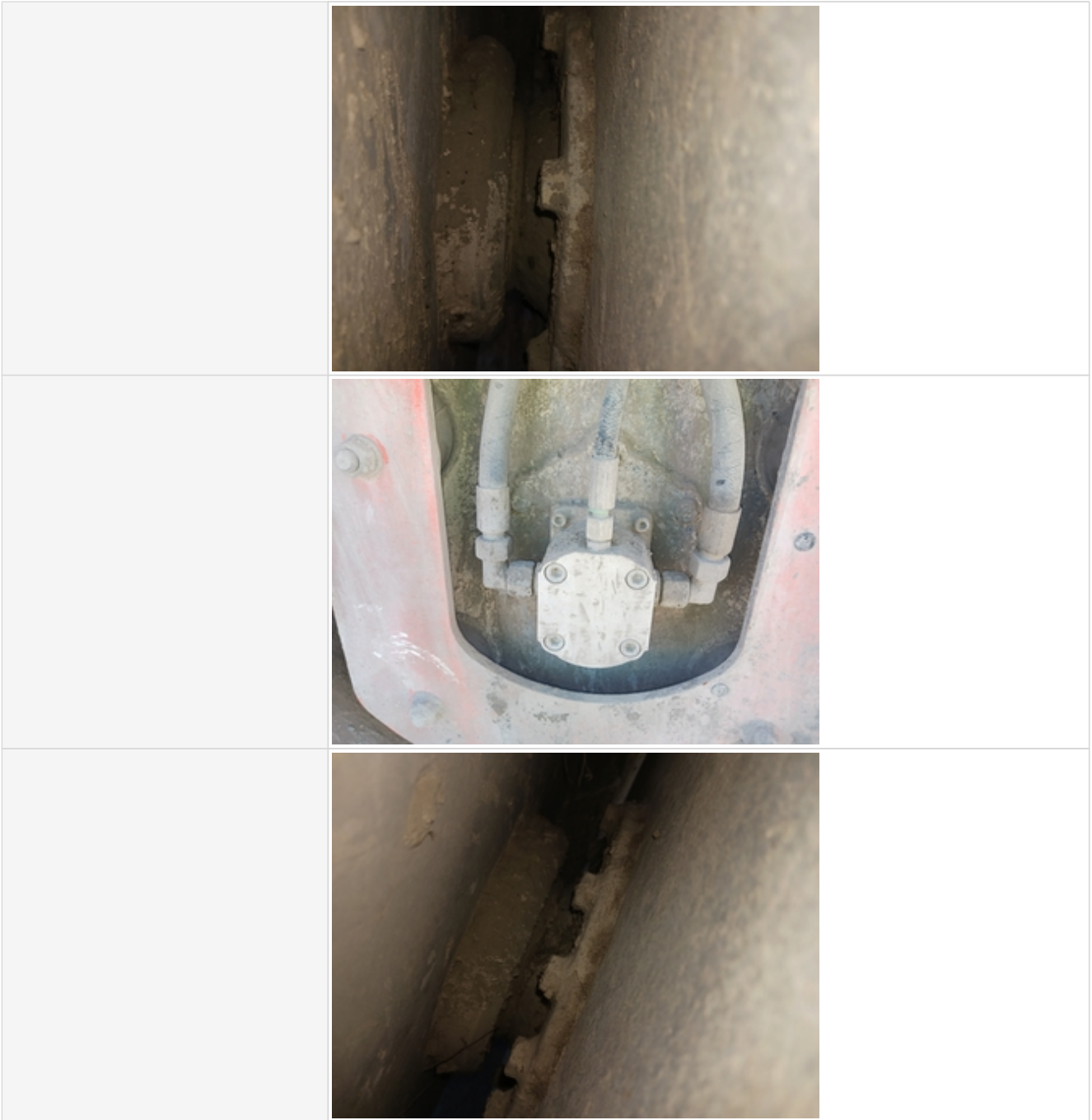
Drivetrain

Drivetrain	Take close-up photos of the drivetrain components including transmission housing, drive shaft, drive motors, fittings, and hoses. Note any damage or wear.
-------------------	--

Inspection Report (Vibratory Compactor)

<p>Drivetrain Photos</p>		
		
		

Inspection Report (Vibratory Compactor)






Inspection Report (Vibratory Compactor)






piece of grass/twig not a crack



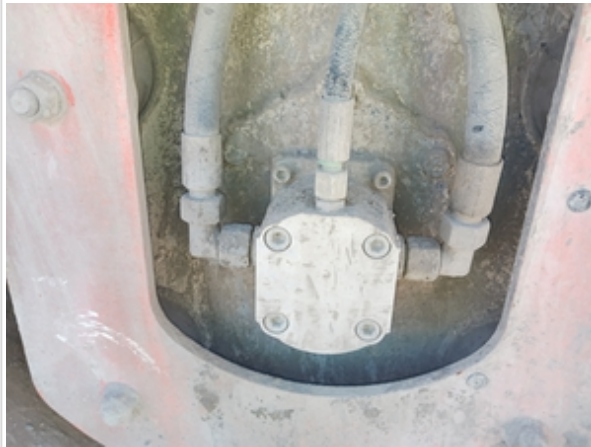
Inspection Report (Vibratory Compactor)

	
	
	
Hydrostatic Transmission?	Yes
2 Speed?	No
Hydrostatic Drive Configuration	Close Coupled Transmission
Drive Motors	3 - Normal Wear & Tear
Comments	transmission is an infinitely variable one

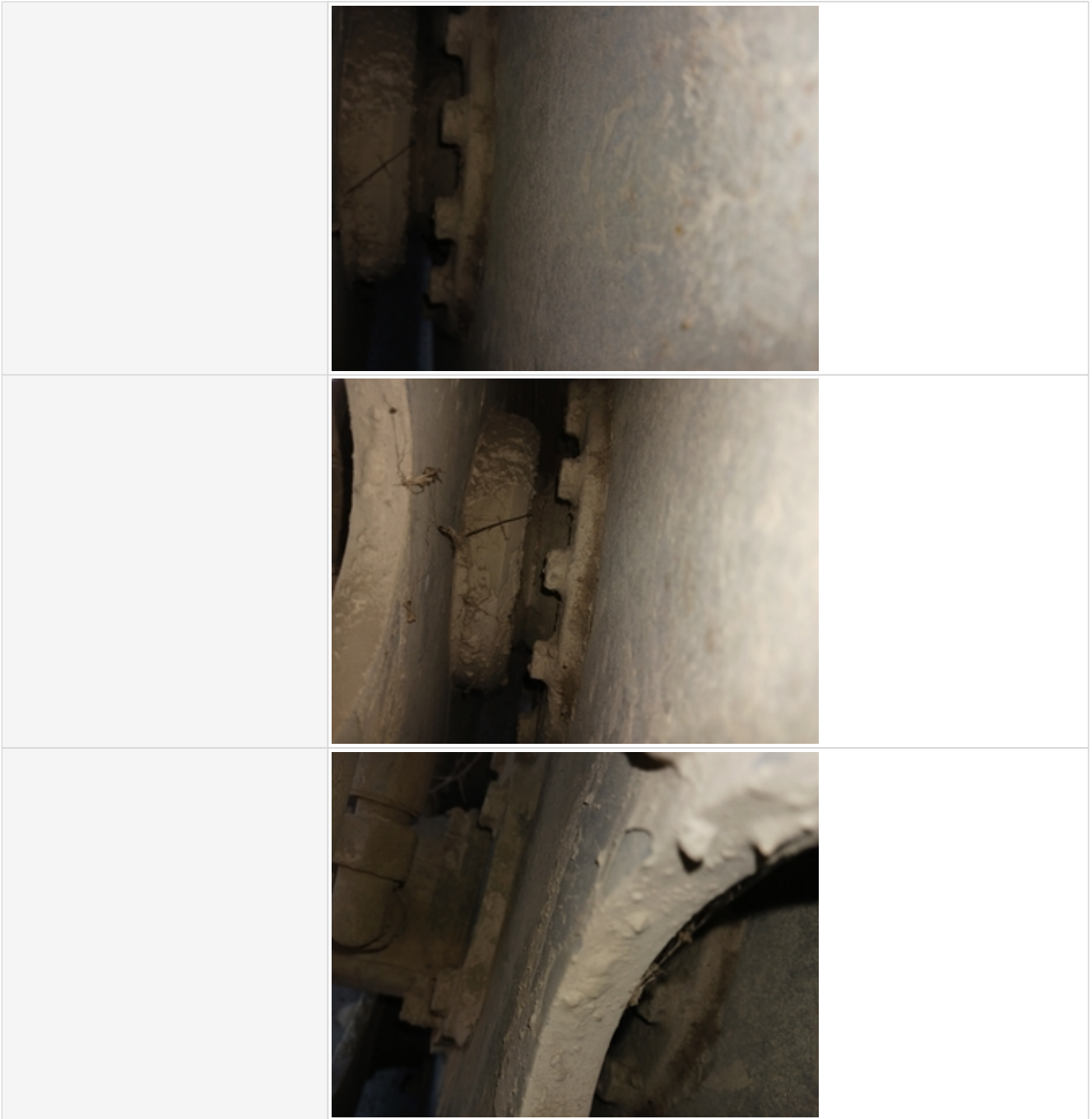
Inspection Report (Vibratory Compactor)

<p>Drive Motor Photos</p>		
		
		




Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)





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	 <p data-bbox="531 817 694 851">parking break</p>
Overall Drivetrain Comments	Good





Chassis Inspection Points

Frame	3 - Normal Wear & Tear
Frame Photos	
	

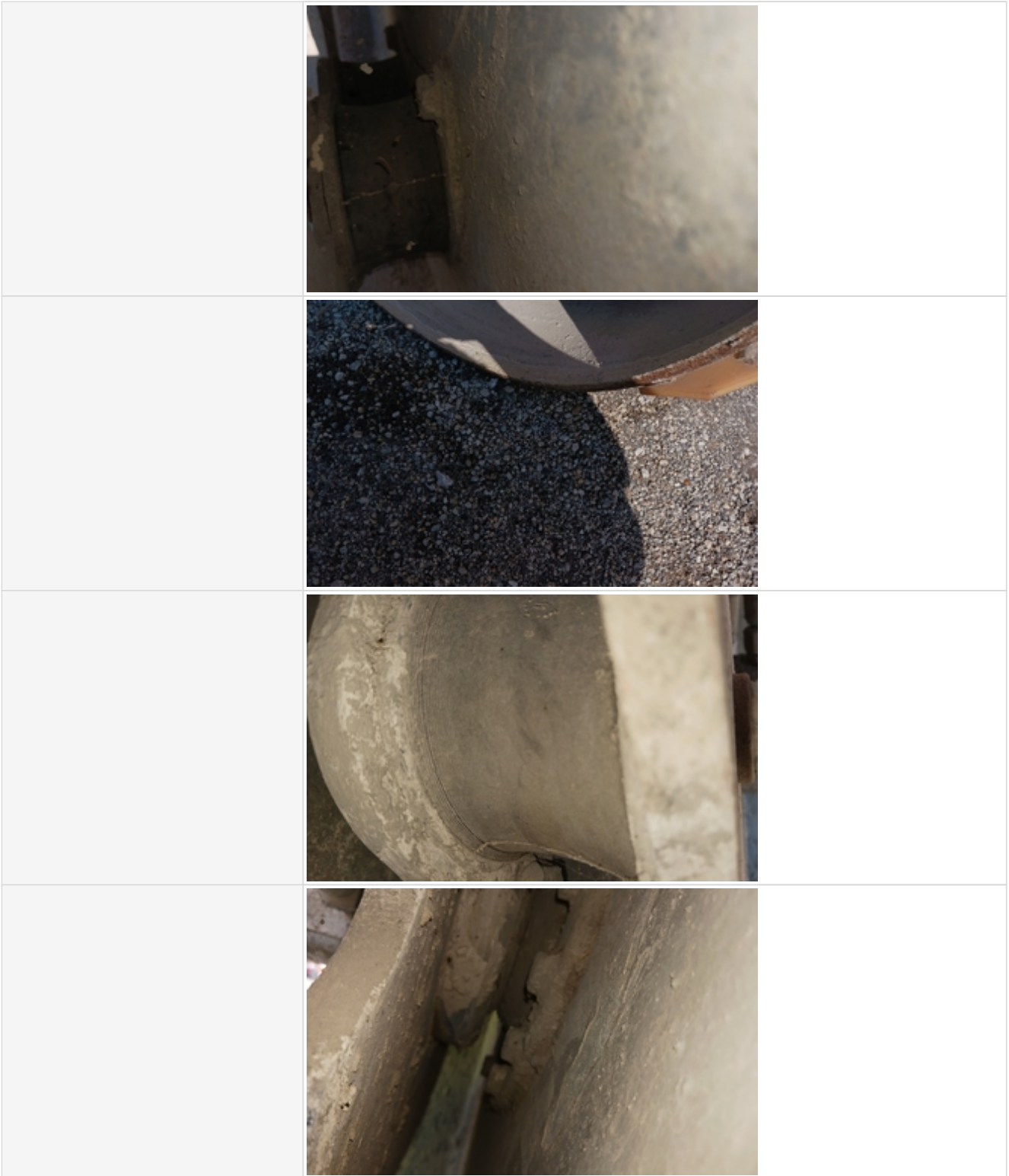
Inspection Report (Vibratory Compactor)

	
	
Level Stance	3 - Normal Wear & Tear
Level Stance Photos	
	
Drum(s) Condition	3 - Normal Wear & Tear

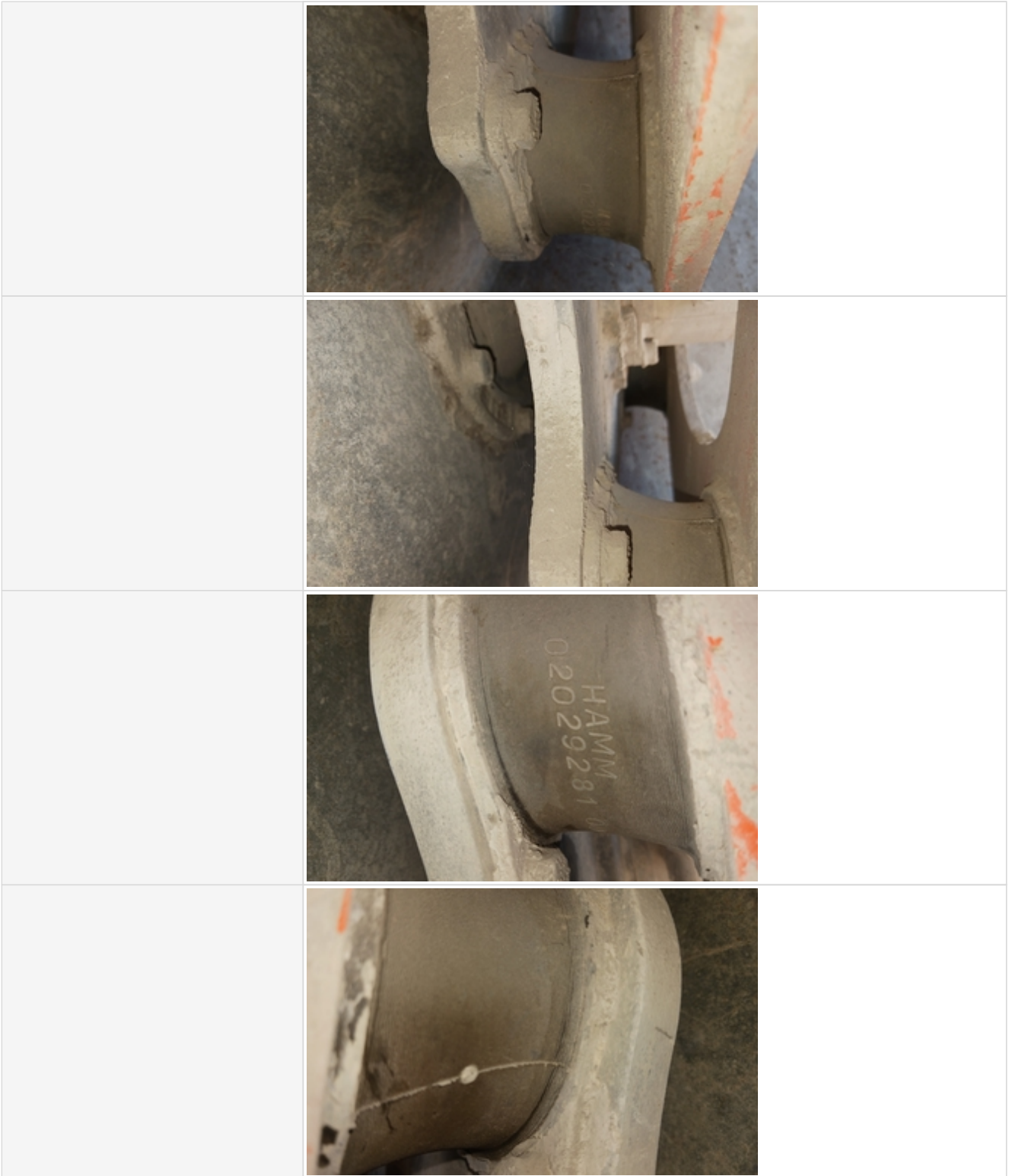
Inspection Report (Vibratory Compactor)

Comments	drums have a normal amount of wear in tear
Drum(s) Photos	
	
Vibratory Rubber Mounts (Front & Rear)	3 - Normal Wear & Tear
Vibratory Rubber Mounts (Front & Rear) Photos	
	




Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

		
Drum Scraper	3 - Normal Wear & Tear	
Drum Scraper Photos		
		
Overall Chassis	3 - Normal Wear & Tear	

Hydraulics Overall Inspection Points

Hydraulics Overall

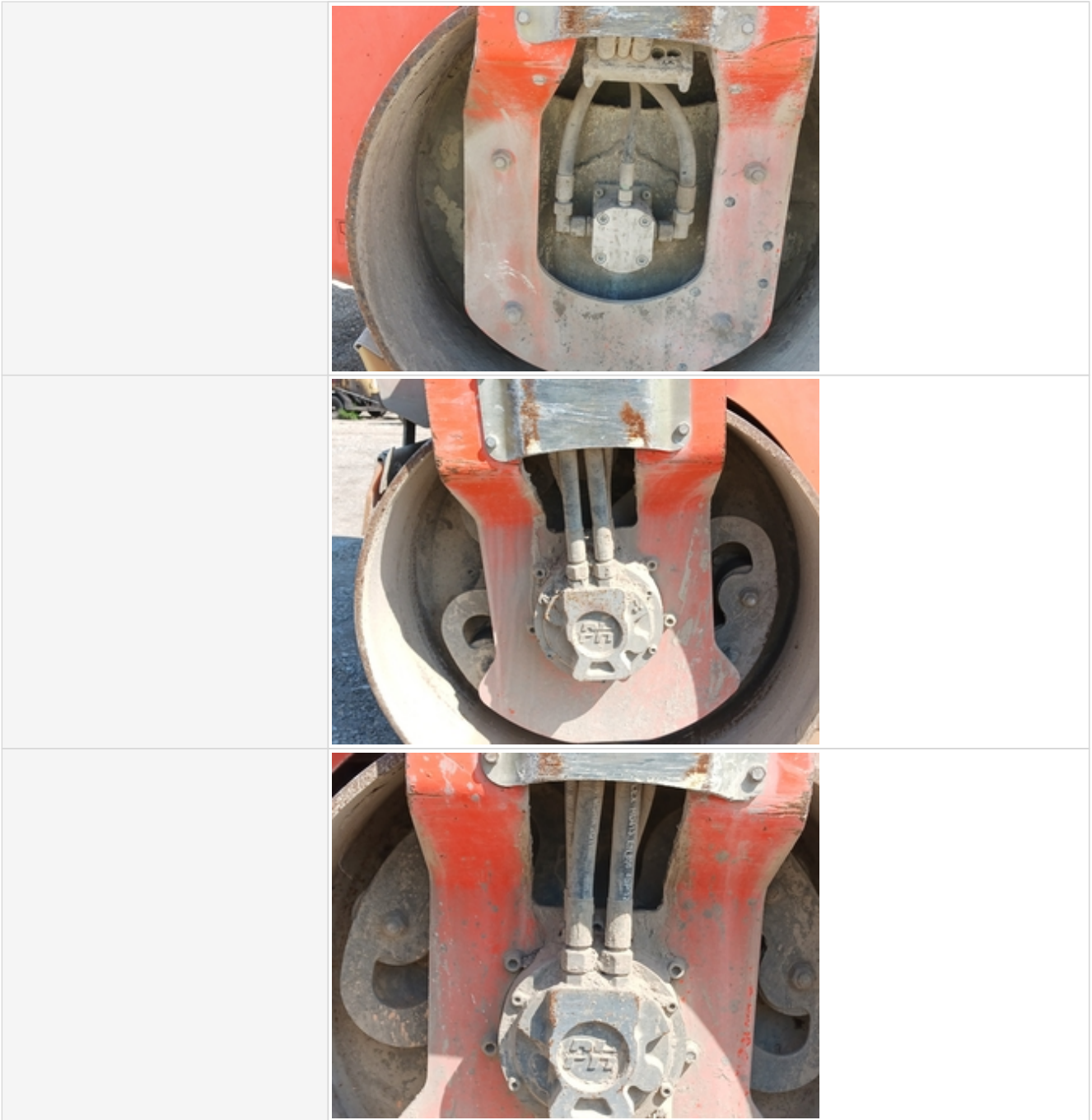
Hydraulic System	Take close-up photos of the hydraulic components including the pump, lines, fittings, controls, and levers. Note any damage, wear, or leaks.
-------------------------	--

Inspection Report (Vibratory Compactor)

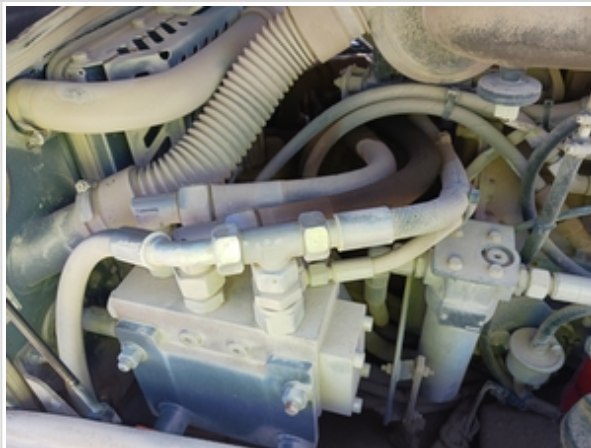
Hydraulic System Photos




Inspection Report (Vibratory Compactor)




Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)

	
Wet or Damp Hydraulic Lines / Fittings	Yes
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

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	Yes
Comments	the steering cylinder has a small leak coming from the seal
Steering Cylinders Photos	 <p>damp area/ small leak coming from the seal</p>

Inspection Report (Vibratory Compactor)



damp/moist area



Inspection Report (Vibratory Compactor)



Inspection Report (Vibratory Compactor)



damp/dirty area



damp dirty area

Inspection Report (Vibratory Compactor)



Functional Test

Forward & Reverse	3 - Normal, Operating as Expected
Steering	3 - Normal, Operating as Expected
Vibratory System	3 - Normal, Operating as Expected
Front Drum	3 - Normal, Operating as Expected
Rear Drum	3 - Normal, Operating as Expected
Operating Video	Click to Download
Additional Video	Click to Download

Overall Assessment

Overall Assessment	
Exterior Rating	3 - Normal Wear & Tear
Interior Rating	2 - Above Average Wear
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	The machine is solid and in good working order
What Needs Work	The seat has some big tears, and the steering cylinder has a small leak from the seal
Date/Time	05-23-2023