

Inspection Report (Vibratory Compactor)

General Info

B&B Stock Number	A1298511
Year	2013
Make	Volvo
Model	DD110B
Serial Number	VCED110BC0S285046
Hour Meter Reading	4145
Previous Application (e.g., earth moving, mining, demolition, etc)	This machine was used in civil construction to pave asphalt

Dimensions

A. Length (ft and inches)	19ft 1in
B. Width (ft and inches)	6ft 3.6in
C. Height (ft and inches)	10ft 3.6in
D. Drum Diameter (ft and inches)	51.2in
E. Wheelbase (ft and inches)	11ft 5in
Operational Weight (lbs)	24,807lbs

Features and Configuration

Heat	No
A/C	No
Radio	No
Backup Camera	No
Telematics	No
Drum System	Dual Drum
Padfoot Roller?	No
Vibration Frequency (Hz)	high frequency- low amplitude 70Hz, low frequency- high amplitude 50Hz
Centrifugal Force - Low/High (lbs)	eccentric force- low amplitude 32,810lbs/ high amplitude 35,510lbs
Water Spray System	Yes
Water Spray System Capacity	160 gallons
OMM (Operator & Maintenance Manual)	No

Exterior 360 Walkaround

Exterior 360 Walkaround

Walkaround Photos & Operating Video

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Exterior Walkaround Photos	
	
Operating Video	Click to Download
Additional Video	Click to Download

General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos	
	

General Appearance Inspection Points

Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
	3 - Normal Wear & Tear	Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.
	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Body Panels	3 - Normal Wear & Tear	
Body Panel Condition	Areas of surface rust observed	
Doors / Canopy Latches	3 - Normal Wear & Tear	
Doors / Canopy Latches Condition	No visible damage	
Steps / Ladders	3 - Normal Wear & Tear	
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound	



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Handrails	3 - Normal Wear & Tear
Handrails Condition	Handrails are fully intact and appear structurally sound
Glass	0
Mirrors	0
Exterior Lights	-1
Overall Exterior	3 - Normal Wear & Tear
Comments	The machine is missing both front and rear headlights. The rest of the exterior is good.


Control Station Inspection Points

Control Station

Control Station Photos

Control Station Photos	
Serial Number Plate	 <p>Volvo Construction Equipment Volvo Road Machinery SHIPPENSBURG, PA. 17257 USA ASSEMBLED IN USA</p> <p>MODEL NO. [REDACTED] MFG. CODE [REDACTED] PRODUCT IDENTIFICATION NO. [REDACTED] OPERATING WEIGHT (LBS.) [REDACTED]</p> <p>VOLVO</p> <p>MODEL [REDACTED] HP [REDACTED] SPEC [REDACTED] SER NO. 11400873 WGT [REDACTED] W/ [REDACTED] C/ [REDACTED] W/ [REDACTED] M [REDACTED] [REDACTED]</p> <p>EMISSION CONTROL INFORMATION THIS ENGINE COMPLIES WITH US EPA AND CALIFORNIA REGULATIONS FOR 2003 NONROAD DIESEL ENGINES FUEL SYSTEM: ECE 100, HC, CO, EGR, PTOX FAMILY: F0224L4.0141 - POWER CATEGORY 72-1300W DATE OF MANUFACTURE: 08/2012 ULTRA-LOW SULFUR FUEL ONLY</p> <p>MADE IN GERMANY P04</p>

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Hour Meter/Odometer	
Control Station Type	Open Cab (OROPS)
Option List	Unable to Confirm
Seat	3 - Normal Wear & Tear
Seat Condition	Seat(s) have minor surface staining or small tears, Seat adjustment controls move through full range of travel, Seat belt secures properly, Seat belt is intact and in good condition
Cabin Lights	-1
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	All switches are installed and functional
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Heater & A/C	-1
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	-1
Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Good cabin appearance, solid floors, panels, and ceiling

Engine Inspection Points

Engine

Engine Compartment Photos

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Engine Data Plate	
Engine Compartment Photos	
	
	
	
Engine Type (Make, Model, Cylinders, Hp)	Volvo, deutz D4H, 4 cylinder, 131hp
Emissions Tier	Tier 4i
Engine Serial Number	11436875
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	N/A
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Exhaust Color	Clear
Battery	3 - Normal Wear & Tear
Battery Condition	Dusty & dirty appearance
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


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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 Appearance	3 - Normal Wear & Tear
Coolant Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Appearance	3 - Normal Wear & Tear
Oil Appearance Notes	Very dark, black & burnt oil appearance, Appropriate oil level
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	Yes
DPF Condition	3 - Normal Wear & Tear
DPF Condition Notes	Filter housing is intact with no signs of damage or malfunction, DPF indicator is not illuminated
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Very dirty
Overall Engine Comments	Signs of leaks were seen, and the locking mechanism to hold the engine open is not working


Drivetrain Inspection Points

Drivetrain

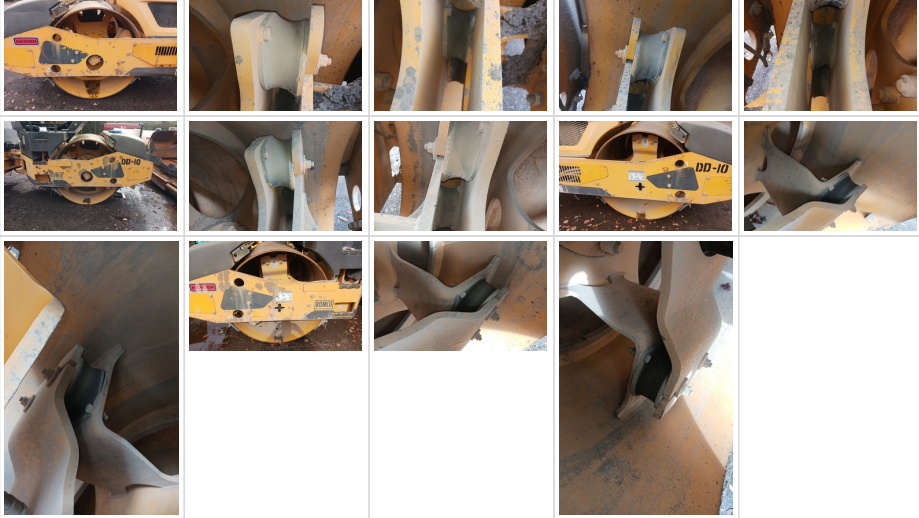
Drivetrain Inspection Points

Drivetrain Photos	
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Hydrostatic Transmission?	Yes
Speeds	Variable Speed
Drive Type	Other (see comments)
Other Drive Type	Drive motors. This machine is a closed-loop hydrostatic, with a parallel circuit to both drums
Transmission Components	3 - Normal Wear & Tear
Transmission Condition	Good forward and reverse function, No unusual noises or vibrations
Drive Motors	3 - Normal Wear & Tear
Parking Brake	3 - Normal Wear & Tear
Parking Brake Function	Good brake function
Overall Drivetrain Rating	3 - Normal Wear & Tear
Overall Drivetrain Comments	The drivetrain is in good working order

Chassis Inspection Points



Chassis Photos	
Frame	3 - Normal Wear & Tear
Stance	3 - Normal Wear & Tear
Drum(s) Condition	3 - Normal Wear & Tear
Vibratory Rubber Mounts (Front & Rear)	3 - Normal Wear & Tear
Drum Scraper	2 - Above Average Wear & Tear
Comments	Above normal wear and tear was seen on the drum scraper
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	The chassis is in good working order

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Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System Inspection Points

Hydraulic System Photos	
	
Wet or Damp Hydraulic Lines / Fittings	No
Hydraulic Lines/Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition
Hydraulic Pump(s)	3 - Normal Wear & Tear
Unusual Noises	No
Hydraulic Pump Notes	No unusual noises heard during operation

Hydraulic Cylinder Inspection Points

Hydraulic Cylinder Photos	
Mounting Pins	3 - Normal Wear & Tear
Cylinder Oil Leaks	No
Comments	The hydraulic cylinders are in good working order
Hydraulic System Overall	3 - Normal Wear & Tear
Comments	The overall hydraulic system is fully functional and operational

Functional Test

Functionality Assessment

Functionality Assessment

Engine	3 - Normal Wear & Tear
Transmission/Drivetrain	3 - Normal Wear & Tear
Travel (Forward/Reverse/Steering)	3 - Normal Wear & Tear
Brakes	3 - Normal Wear & Tear
Hydraulic System	3 - Normal Wear & Tear
Electric Operating System	0
Controls	3 - Normal Wear & Tear
Safety Systems	3 - Normal Wear & Tear

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Core Functions	3 - Normal Wear & Tear
Attachments	3 - Normal Wear & Tear
Overall Functional Test Comments	The machine is fully functional

Overall Assessment

Overall Assessment

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	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
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 Wear & Tear	
Overall Rating	3 - Normal Wear & Tear	
What's Great About the Machine	The machine is fully functional, and it started right up without any issues.	
What Needs Work	Some leaking were seen around engine and both front and rear headlights are not installed. The top sprayers to the machine were not working properly.	
Any Additional Info from the Seller?	This machine was used in civil construction for asphalt paving	
Date/Time	12-26-2023	
Inspector Name	Steven Mesa	