

Inspection Report (Vibratory Compactor)

General Info

B&B Stock Number	A3094393
Year	2013
Make	Volvo
Model	SD75B
Serial Number	VCESD75BC0S241140
Hour Meter Reading	1709.7hrs
Previous Application (e.g., earth moving, mining, demolition, etc)	This machine was used in civil construction

Dimensions

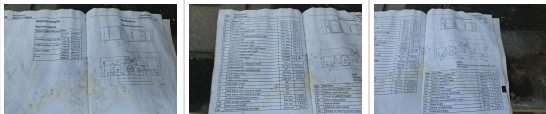
A. Length (ft and inches)	16ft 6.5in
B. Width (ft and inches)	6ft
C. Height (ft and inches)	9ft 7in
D. Drum Diameter (ft and inches)	5/8 inch
E. Wheelbase (ft and inches)	9ft
Operational Weight (lbs)	16,245lbs

Features and Configuration

Heat	No
A/C	No
Radio	No
Backup Camera	No
Telematics	No
Drum System	Single Drum
Padfoot Roller?	Yes
Vibration Frequency (Hz)	30.8/33.8
Centrifugal Force - Low/High (lbs)	27,200lbs / 31,250lbs
Water Spray System	No
OMM (Operator & Maintenance Manual)	Yes

OMM Specifications

OMM Specifications








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

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Exterior 360 Walkaround

Exterior 360 Walkaround

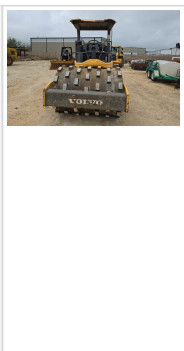
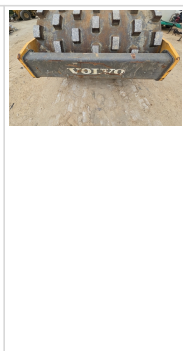
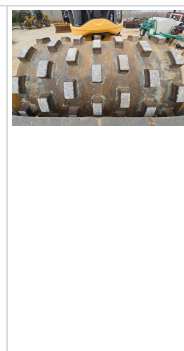
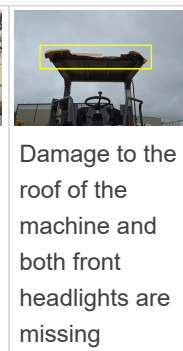
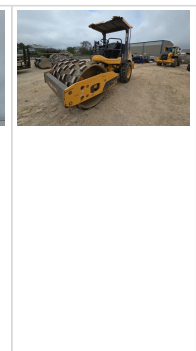
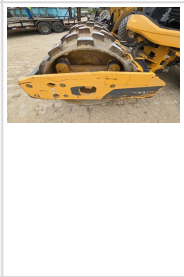
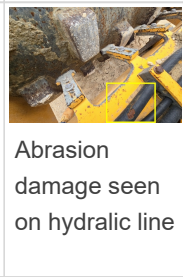
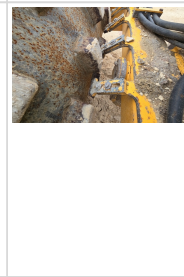
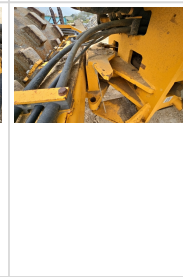
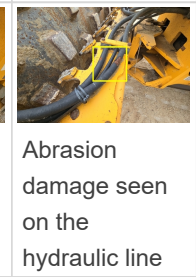
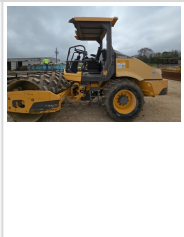
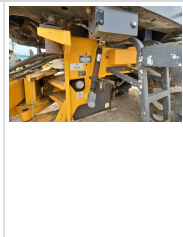

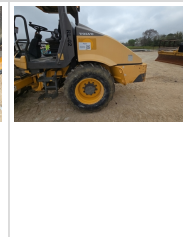
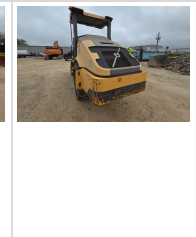





Walkaround Photos & Operating Video

Exterior Walkaround Photos					
					
Operating Video	Click to Download				

General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos					
					
					
					







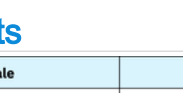


Damage to the roof of the machine and both front headlights are missing

Abrasion damage seen on hydraulic line

Abrasion damage seen on the hydraulic line

The bottom step is damaged

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	The right-hand side compartment panel is missing.				
					

General Appearance Inspection Points



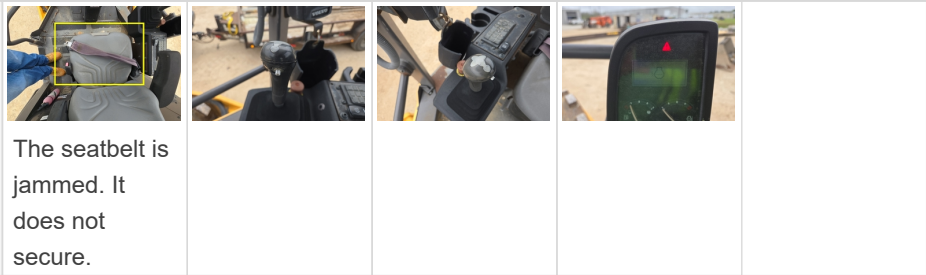


Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
	3 - Normal Wear & Tear	Exhibits wear 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	2 - Above Average Wear & Tear	
Body Panel Condition	Visible chipped paint or dents, Large dents or cracks	
Comments	The roof is damaged, and the engine bay door is faded.	
Doors / Canopy Latches	2 - Above Average Wear & Tear	
Doors / Canopy Latches Condition	Loose or missing latches, hinges or handles, Other (see comments)	
Comments	The right-hand side compartment panel is missing	
Steps / Ladders	2 - Above Average Wear & Tear	
Steps / Ladders Condition	Bent or broken steps or rungs	
Comments	The bottom step is bent	
Handrails	3 - Normal Wear & Tear	
Handrails Condition	Handrails are fully intact and appear structurally sound	
Glass	0	
Mirrors	0	
Exterior Lights	0	
Overall Exterior	2 - Above Average Wear & Tear	
Comments	The roof is damaged, all lights are missing, and the right-hand side compartment door is missing.	

Control Station Inspection Points

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Control Station

Control Station Photos

Control Station Photos	
	
	 <p>The seatbelt is jammed. It does not secure.</p>
Serial Number Plate	 <p>Volvo Construction Equipment North America LLC 212 Volvo Way Shippensburg, PA 17252 USA MODEL NO. [REDACTED] MPE ECODE PRODUCT IDENTIFICATION NO. [REDACTED] OPERATING WEIGHT (LB) [REDACTED] VOLVO</p>
Hour Meter/Odometer	 <p>01709.7h 52,300 117,000 BT</p>
Control Station Type	Open Cab (OROPS)
Option List	Unable to Confirm
Seat	2 - Above Average Wear & Tear

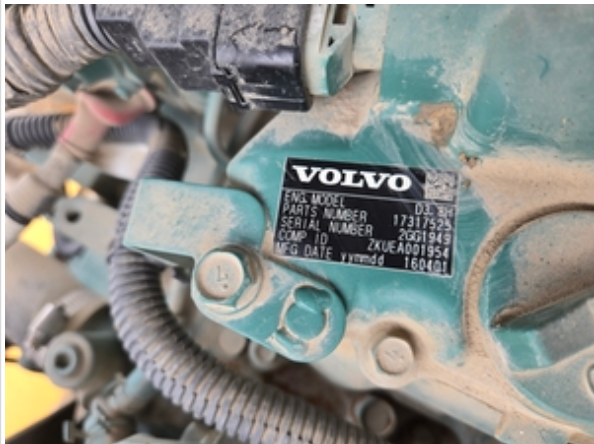

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Seat Condition	Seat(s) in good condition, no stains or tears in upholstery, Seat adjustment controls have limited range of motion, Seat belt shows limited functionality or does not secure properly
Cabin Lights	0
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
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	0
Travel Alarm	0
Horn	0
Backup Camera	0
Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling
Comments	The seatbelt does not secure properly.





















Engine Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate					
Engine Compartment Photos					

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Engine Type (Make, Model, Cylinders, Hp)	Volvo, D3.8, 4 Cylinder, 74Hp
Emissions Tier	Tier 4F
Engine Serial Number	2GG1949
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	Yes
Comments	The blow by check was good
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
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	Yes
Cooling System Condition	Other (see comments, No indication of coolant leaks seen)
Comments	The coolant reservoir was empty, and the alarm was going off.

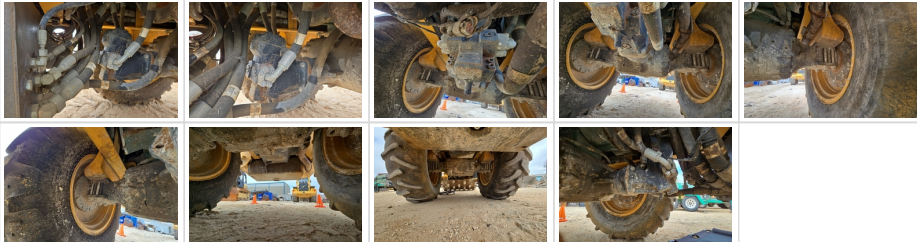
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Coolant Appearance	1 - Service Required
Coolant Appearance Notes	Other (see comments)
Comments	There was no coolant in the tank
Oil Leaks	No
Oil Appearance	3 - Normal Wear & Tear
Oil Appearance Notes	Appropriate oil level, Very dark, black & burnt oil appearance
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)	Yes
DEF Tank	3 - Normal Wear & Tear
DEF Tank Condition	Area around DEF tank cap is clean, fluid is clear & appears free of contaminants
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Dusty & dry
Overall Engine Comments	The engine had no coolant in the reservoir, and an engine alarm was going off as a result. The cause for this issue was not known.

Drivetrain Inspection Points


Drivetrain

Drivetrain Inspection Points

Drivetrain Photos	
Hydrostatic Transmission?	N/A
Drive Type	2WD
Transmission Components	3 - Normal Wear & Tear
Transmission Condition	Good forward and reverse function
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.


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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	3 - Normal Wear & Tear
Padfoot Feet Condition	3 - Normal Wear & Tear
Padfoot Fitment	3 - Normal Wear & Tear
Padfoot Hardware	3 - Normal Wear & Tear

Wheels & Tires

Wheels & Tires Inspection Points

Tire Brand	Galaxy
Tire Size	14.9-24
Front Left Tire - Ratio Remaining	N/A
Front Right Tire - Ratio Remaining	N/A
Rear Right Tire - Ratio Remaining	70%
Rear Right Tire Photos	
Rear Left Tire - Ratio Remaining	50%











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Rear Left Tire Photos	 
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	The chassis is in good condition.



Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System Inspection Points

Hydraulic System Photos	    
	    
	<p>Abrasion damage was seen on the right-hand side of the hydraulic lines.</p> <p>Abrasion damage was seen on the left-hand side hydraulic hoses going to the drum.</p>
Wet or Damp Hydraulic Lines / Fittings	No
Hydraulic Lines/Fittings	2 - Above Average Wear & Tear
Hydraulic Lines / Fittings Condition	Cracking, stiff, or charred hydraulic hoses, Worn, cut, or damaged hose covering
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
Hydraulic System Overall	3 - Normal Wear & Tear
Comments	The overall hydraulic system is in goodnworking order.

Functional Test

Functionality Assessment

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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	3 - Normal Wear & Tear
Controls	3 - Normal Wear & Tear
Safety Systems	3 - Normal Wear & Tear
Core Functions	3 - Normal Wear & Tear
Attachments	0
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	2 - Above Average Wear & Tear	
Interior Rating	3 - Normal Wear & Tear	
Safety Rating	3 - Normal Wear & Tear	
Quality Rating	2 - Above Average Wear & Tear	
Functionality Rating	3 - Normal Wear & Tear	
Overall Rating	2 - Above Average Wear & Tear	
Summary Video	Click to Download	
What's Great About the Machine	The machine is fully functional and operational. The seat is in good condition, free of any damage.	
What Needs Work	The coolant level is low, a part of the roof is damaged, all lights are missing, and the right-hand side compartment door is missing.	
Any Additional Info from the Seller?	This machine was used in civil construction	
Date/Time	03-06-2024	



Inspection Report (Vibratory Compactor)

Inspector Name	Steven Mesa
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