

Inspection Report (Wheel Loader)

General Info

B&B Stock Number	A0358356
Year	2020
Make	Volvo
Model	L70H
Serial Number	VCE0L70HH0S624241
Hour Meter Reading	4202hrs
Previous Application (e.g., earth moving, mining, demolition, etc)	This machine was used in civil construction

Dimensions

A. Length (ft and inches)	27ft 5in
B. Width (ft and inches)	8ft 4in
C. Height (ft and inches)	10ft 4in
D. Attachment Width (ft and inches)	7ft 3in
Operational Weight (lbs)	27,556 - 34,172lbs











Features and Configuration

Bucket	No
Auxiliary Hydraulics	No
Quick Coupler	Yes
Heat	Yes
A/C	Yes
Radio	No
Backup Camera	Yes
OMM (Operator & Maintenance Manual)	No
Telematics	No

Exterior 360 Walkaround

360 Walkaround & Operating Video

Walkaround Photos & Operating Video

Exterior Walkaround Photos	    
	    


























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Operating Video	Click to Download
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General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos					
					
					
					Dented area
					
	Dented area	Dented area			
					

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	
Comments	Dents are located on the left and right hand side of the engine bay.	
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	
Handrails	3 - Normal Wear & Tear	












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Handrails Condition	Handrails are fully intact and appear structurally sound
Glass	3 - Normal Wear & Tear
Glass Condition	Glass intact, no visible damage
Mirrors	3 - Normal Wear & Tear
Mirror Condition	Mirrors present and intact, no visible damage
Exterior Lights	3 - Normal Wear & Tear
Exterior Lights Condition	No visible damage, lighting system is operational, One or more exterior lights are non-operational
Comments	The right-hand side rear light is not working.
Overall Exterior	3 - Normal Wear & Tear
Comments	There are dents on the rear of the machine, but other than that, the overall exterior is in good condition.

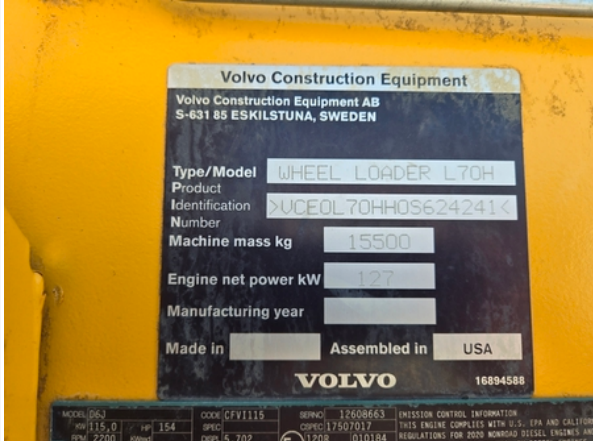

Control Station Inspection Points

Control Station

Control Station Photos

Control Station Photos						
		The right-hand side control arm is loose.				
						
					The seat belt is stuck and does not latch shut.	
						
	The seats air hose is not attached					

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Serial Number Plate	
Hour Meter/Odometer	
Control Station Type	Enclosed Cab (EROPS)
Option List	Unable to Confirm
Seat	3 - Normal Wear & Tear
Seat Condition	Seat(s) in good condition, no stains or tears in upholstery, Seat belt shows limited functionality or does not secure properly, Seat adjustment controls have limited range of motion
Cabin Lights	3 - Normal Wear & Tear
Cabin Lights Condition	Cabin lights are installed with all light covers in place, bulbs are installed and working properly
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional



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Controls & Switches	2 - Above Average Wear & Tear
Controls & Switches Condition	All switches are installed and functional, Other (see comments)
Comments	The joystick that controls the bucket is located on the right-hand side control arm, and it is loose.
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	2 - Above Average Wear & Tear
Heater & A/C Condition	A/C Blows cool - noticeably cooler than air temp
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	3 - Normal Wear & Tear
Backup Camera Condition	Back up camera is installed and functioning as expected
Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Good cabin appearance, solid floors, panels, and ceiling, Other (see comments)
Comments	The AC is not working properly, and the right-hand side control arm is loose.


















Engine Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate					
Engine Compartment Photos					

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Engine Type (Make, Model, Cylinders, Hp)	Volvo, D6J, Hp 154
Emissions Tier	Tier 4F
Engine Serial Number	12608663
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	Yes
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	No
Coolant Appearance	3 - Normal Wear & Tear
Coolant Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No


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Oil Appearance	3 - Normal Wear & Tear
Oil Appearance Notes	Clean oil appearance, no signs of cross contamination, 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)	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 is in good working order.

Drivetrain Inspection Points

Drivetrain

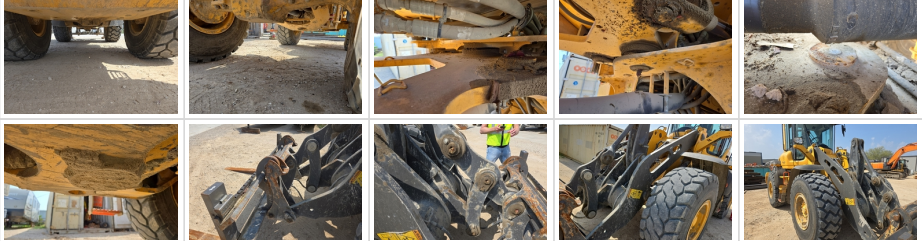
Drivetrain Inspection Points

Drivetrain Photos					
Hydrostatic Transmission?	No				
Transmission Info (Make/Model/Speeds)	Volvo, HTE 125,				
Drive Type	Other (see comments)				
Other Drive Type	This machine is a 2WD with a differential lock				
Transmission Components	3 - Normal Wear & Tear				
Transmission Condition	Good forward and reverse function, No unusual noises or vibrations				
Parking Brake	3 - Normal Wear & Tear				
Parking Brake Function	Good brake function				
Overall Drivetrain Rating	3 - Normal Wear & Tear				

Inspection Report (Wheel Loader)

Overall Drivetrain Comments	The drivetrain is in good working condition.
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Chassis Inspection Points

Chassis Photos	
Frame	3 - Normal Wear & Tear
Stance	3 - Normal Wear & Tear
Front Axle Appearance	3 - Normal Wear & Tear
Rear Axle Appearance	3 - Normal Wear & Tear
Articulating Center Pin Appearance	3 - Normal Wear & Tear
Lift Arm	3 - Normal Wear & Tear
Chassis to Arm Pins	3 - Normal Wear & Tear
Tilt Linkage	3 - Normal Wear & Tear
Tilt Linkage Pins and Bushings	3 - Normal Wear & Tear
Quick Coupler	3 - Normal Wear & Tear
Quick Coupler to Arms Pins	3 - Normal Wear & Tear
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	The chassis is in good condition.



Wheels & Tires Inspection Points

Wheels & Tires

Wheels & Tires Inspection Points

Wheels & Hubs	3 - Normal Wear & Tear
Wheel Seal Leaks	No
Tire Brand	Bridgestone
Tire Size	20.5R25
Front Left Tire - Ratio Remaining	50%
Front Left Tire Photos	
Front Right Tire - Ratio Remaining	90%











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Front Right Tire Photos			
Rear Right Tire - Ratio Remaining	50%		
Rear Right Tire Photos			
Rear Left Tire - Ratio Remaining	50%		
Rear Left Tire Photos			


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 shape, and no leaks were seen.			
Hydraulic System Overall	3 - Normal Wear & Tear			
Comments	The overall hydraulic system is in good working order.			

Attachment Inspection Points

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Attachments

Additional Attachments

Attachment Type	Forks
Attachment Make	Volvo
Attachment Size / Specs	7ft 3in wide x 4ft 8in long
Attachment Condition	3 - Normal Wear & Tear
Comments	A bucket is going to be included and well, but it was not available during inspection.
Attachment Photos	

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	3 - Normal Wear & Tear
Controls	2 - Above Average Wear & Tear
Comments	The right-hand side control arm is loose, which makes operation difficult.
Safety Systems	3 - Normal Wear & Tear
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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Exterior Rating	3 - Normal Wear & Tear
Interior Rating	2 - Above Average 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
Summary Video	Click to Download
What's Great About the Machine	The machine is fully operational, and the engine started right up without any issues.
What Needs Work	The right-hand side control arm is loose/broken, and the AC is not working as it should. There are dents on the left and right-hand side of the engine compartment.
Any Additional Info from the Seller?	This machine was used in civil construction
Date/Time	03-05-2024
Inspector Name	Steven Mesa