


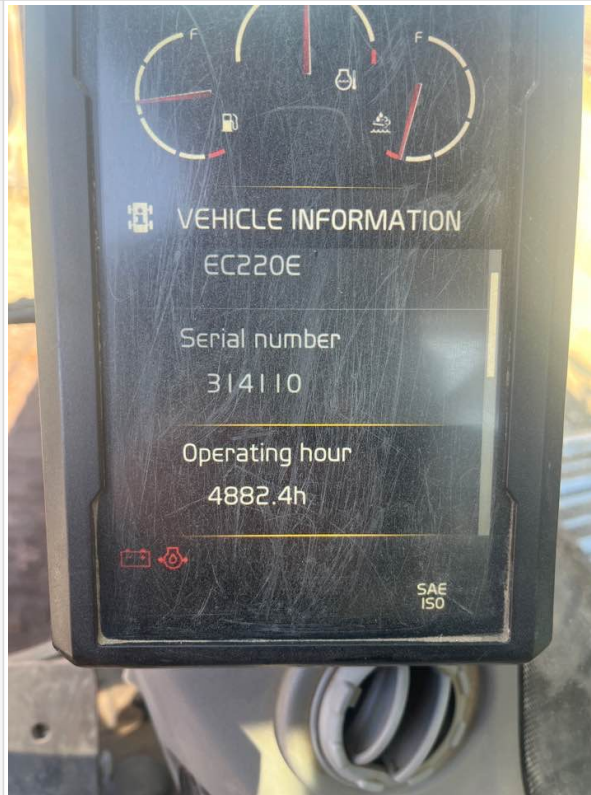
Inspection Report (Excavator)

General Info

B&B Stock Number	A4705296
Year	2019
Make	Volvo
Model	EC220EL
Serial Number	VCEC220EA00314110
Serial Plate Photo	
Hour Meter Reading	4882

Inspection Report (Excavator)

Hour Meter Photo



Features and Configuration

Travel System	Track Undercarriage
Bucket	Yes
Bucket Specs	48" tooth bucket
Blade	No
Additional Attachment(s)	No
Hydraulic Coupler	Yes
Auxiliary Hydraulics (visual inspection only)	Yes
Hydraulic Thumb	Yes
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	Yes
Grade Control System	No
OMM (Operator & Maintenance Manual)	Yes
Telematics	Yes

Exterior Walkaround Photos

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360 Walkaround & Operating Video

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					
					

General Appearance Inspection Points












Inspection Rating Criteria	Rating	Explanation
	5	Light or minimal wear for its age
	4	Expected wear and tear for its age, operates as expected
	3	Above average wear and tear for its age, still operates as expected
	2	Heavy wear, is operable but needs attention
	1	Requires repair(s) to function as expected
Body Panels	3 - Notable Wear - Fully Operable	
Doors / Canopy Latches	3 - Notable Wear - Fully Operable	
Steps / Ladders	3 - Notable Wear - Fully Operable	
Handrails	3 - Notable Wear - Fully Operable	
Glass	3 - Notable Wear - Fully Operable	
Mirrors	3 - Notable Wear - Fully Operable	
Exterior Lights	3 - Notable Wear - Fully Operable	
Overall Exterior	3 - Notable Wear - Fully Operable	
Comments	Normal wear and tear	

Inspection Report (Excavator)

Control Station Inspection Points

Control Station

Control Station Photos



Control Station Photos	    
	    
Control Station Type	Enclosed Cab (EROPS)
Control Type	Pilot Controls
Control Configuration	Configurable (SAE and ISO)
Seat	3 - Notable Wear - Fully Operable
Cabin Lights	N/A
Safety Lock Out / Stop	3 - Notable Wear - Fully Operable
Controls & Switches	3 - Notable Wear - Fully Operable
Hour Meter Activity	3 - Notable Wear - Fully Operable
Other Gauge Activity	3 - Notable Wear - Fully Operable
Heater & A/C	3 - Notable Wear - Fully Operable
Travel Alarm	3 - Notable Wear - Fully Operable
Horn	3 - Notable Wear - Fully Operable
Backup Camera	3 - Notable Wear - Fully Operable
Control Station Overall Rating	3 - Notable Wear - Fully Operable
	 31.425907, -96.172838

Engine Inspection Points

Engine

Engine Compartment Photos

Inspection Report (Excavator)

Engine Data Plate				
Engine Compartment Photos				
Engine Type (Make, Model, Cylinders, Hp)	Volvo D6J			
Emissions Tier	Tier 4F			
Engine Serial Number	12383868			
Engine Fuel Type	Diesel			
Blow-by (Visual Observation Check)	No			
Unusual Noises (Upon Start-up, Idle, Shutdown)	No			
Engine Smoke (Upon Start-up, Idle, Shutdown)	No			
Engine Exhaust Color	Clear			
Battery	3 - Notable Wear - Fully Operable			
Radiator	3 - Notable Wear - Fully Operable			
Belts	3 - Notable Wear - Fully Operable			
Hoses	3 - Notable Wear - Fully Operable			
Water Pump	3 - Notable Wear - Fully Operable			
Equipped with DPF (Diesel Particulate Filter)	Yes			
Requires DEF (Diesel Exhaust Fluid)	Yes			
Overall Engine Rating	3 - Notable Wear - Fully Operable			
Overall Engine Appearance	Dusty & dry			

Inspection Report (Excavator)

Overall Engine Comments	No unusual sounds during start up or while running. Engine compartment is dusty but with no signs of any leaks.
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Drivetrain Inspection Points

Drivetrain

Drivetrain Inspection Points

Drivetrain Photos	 	
Drive Type	N/A (Track Undercarriage)	
Overall Drivetrain Comments	No visible issues with drivetrain.	

Chassis Inspection Points

Chassis Photos	    
	   
Boom Condition	3 - Notable Wear - Fully Operable
Stick Condition	3 - Notable Wear - Fully Operable
Boom Base Pin & Bushings	3 - Notable Wear - Fully Operable
Boom to Stick Pin & Bushings	3 - Notable Wear - Fully Operable
Stick to Bucket Pin & Bushings	3 - Notable Wear - Fully Operable
Turntable Bearing	3 - Notable Wear - Fully Operable
Bottom Covers	3 - Notable Wear - Fully Operable
Overall Chassis	3 - Notable Wear - Fully Operable


Travel System Inspection Points

Track Undercarriage

Basic Information

Track Shoe Width (inches)	tbd
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Undercarriage Photos

Undercarriage Photos	    
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Inspection Report (Excavator)




Undercarriage Inspection Points

Sprocket Teeth	1 - Service Required - Inoperable
Track Bushings	3 - Notable Wear - Fully Operable
Track Frames	3 - Notable Wear - Fully Operable
Pivot Shafts	3 - Notable Wear - Fully Operable
Equalizer Bar & Joints	3 - Notable Wear - Fully Operable
Front Idler	3 - Notable Wear - Fully Operable
Track Tensioner	3 - Notable Wear - Fully Operable
Track links	3 - Notable Wear - Fully Operable
Bottom Rollers	3 - Notable Wear - Fully Operable
Carrier Rollers	3 - Notable Wear - Fully Operable
Overall Undercarriage	2 - Heavy Wear - Needs Attention
Overall Percent Estimate	30%
Overall Undercarriage Comments	Normal wear and tear on most of the undercarriage. Sprocket on left track appears more worn than the other side.


Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System Inspection Points

Hydraulic System Photos					
Hydraulic Lines/Fittings	3 - Notable Wear - Fully Operable				
Hydraulic Pump(s)	3 - Notable Wear - Fully Operable				
Unusual Noises	No				

Hydraulic Cylinder Inspection Points

Hydraulic Cylinder Photos				
Mounting Pins	3 - Notable Wear - Fully Operable			
Cylinder Oil Leaks	No			

Inspection Report (Excavator)

Hydraulic System Overall	3 - Notable Wear - Fully Operable
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Bucket Inspection Points

Attachment Photos	
Bucket	3 - Notable Wear - Fully Operable
Bucket Teeth	3 - Notable Wear - Fully Operable
Blade	N/A
Blade Edge	N/A

Functional Test

Functionality Assessment

Functionality Assessment

Engine	3 - Notable Wear - Fully Operable
Transmission/Drivetrain	3 - Notable Wear - Fully Operable
Travel (Forward/Reverse/Steering)	3 - Notable Wear - Fully Operable
Brakes	3 - Notable Wear - Fully Operable
Hydraulic System	3 - Notable Wear - Fully Operable
Electric Operating System	3 - Notable Wear - Fully Operable
Controls	3 - Notable Wear - Fully Operable
Safety Systems	3 - Notable Wear - Fully Operable
Core Functions	3 - Notable Wear - Fully Operable
Attachments	3 - Notable Wear - Fully Operable
Overall Functional Test Comments	Unit is fully functional and ready for work.

Overall Assessment

Overall Assessment

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Exterior Rating	3 - Notable Wear - Fully Operable	
Interior Rating	3 - Notable Wear - Fully Operable	
Safety Rating	3 - Notable Wear - Fully Operable	

Inspection Report (Excavator)

Quality Rating	3 - Notable Wear - Fully Operable
Functionality Rating	3 - Notable Wear - Fully Operable
Overall Rating	3 - Notable Wear - Fully Operable
What's Great About the Machine	Machine appears to be in good working order. Unit comes with a hydraulic thumb. Machine has been freshly greased and well-maintained.
What Needs Work	This unit has minor cosmetic issues. Mainly to door panels and rear counterweight. Undercarriage has some wear.
Date/Time	12-11-2024
Inspector Name	Rex Walz
Assessment Details	Boom & Bucket provides an on-site visual inspection of the Unit. The inspection of mechanical components may be limited to starting and running the engine and basic hydraulic movements. Any operational tests are limited to low speeds and are not tested under load. The functionality of locking differentials, transmission shifting, all drive axels, and auxiliary or high flow hydraulics (unless required for an included attachment) cannot be fully verified. Additional information may be available on request. Please see the terms of services on our website for full details.