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Item #13177108 - 2021 Volvo EC750E Tracked Excavator



Item Details:

- Features: Air Conditioner, Straight Travel Pedal, Control Pattern Changer, Surround View Cameras, Tier 4, US EPA Label, CARB Compliant, Requires Diesel Exhaust Fluid, 11 ft 6 in Stick, Auxiliary Hydraulic Plumbing, 96 in Digging Bucket, Counterweight Removal System, Catwalks
- Meter Reading: 3,903 Hours
- Serial # : 314119
- Inspection Completed: 4/9/25

Shipping Details:

- Location North Carolina (Granville County)
- Pickup Hours: null-null
- You will need a copy of your IronPlanet Item Release to pick the item up. Please call one day in advance to schedule pickup.

Inspection Report

Note: This condition inspection report is the result of an impartial, systematic, documented process focused on the establishment of the general, overall mechanical condition of a piece of equipment, or of a vehicle, at a specific time. The purpose of the inspection is to establish the "as is" operational capability of the machine. It is not a performance or load test on the item.

Inspection Ratings Key	
★★★★	Limited use or recently replaced. Free of visible wear or defects.
★★★☆☆	Performs within the tolerances expected for age and type of item
★★☆☆☆	Although performing, shows indication of needing repair or replacement
★☆☆☆☆	Needs immediate repair/replacement. Requires work if it is to perform as expected

General Appearance

Item	Assessment	Photo
Picture, Left Front Corner		
Picture, Left Rear Corner		
Picture, Right Rear Corner		
Picture, Right Front Corner		

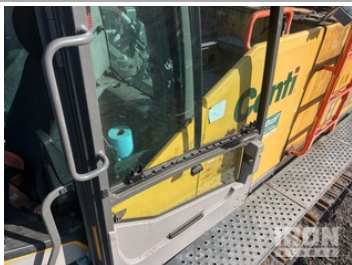
Serial Number / VIN	314119	
Paint	Damage	
Body Panels	No visible damage or missing components	
Steps	No visible damage or missing components	
Hand Rails	No visible damage or missing components	
Exterior Lights	All lights operational	
Excavator* # 1		

Excavator* # 2		
Excavator* # 3		

Safety

Item	Assessment	Photo
Travel Alarm	Operational	
Horn	Operational	
Seat Belts	Operational	
Safety Lock Out/Stop	Operational	
Swing Brake	Operational	
Current Safety Manual	No	
Current Operator/Maintenance Manual	No	
Excavator_2 # 1		

Control Station

Item	Assessment	Photo
Seat/Armrests	No visible damage or missing components	
Glass	No visible damage or missing components	
Mirrors		
Cab Door	No visible damage or missing components	
Steering Controls	★★★★☆	
Hydraulic Controls	★★★★☆	

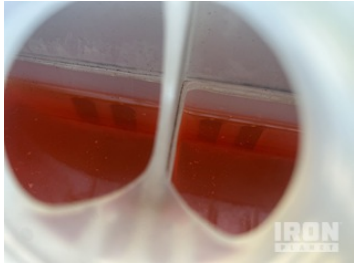
Drivetrain Controls	★★★★☆	
Dash Console	★★★★☆	
Engine Oil Pressure	The gauge registers in the operating range.	
Warning Lights	Operational	
Gauges	Operational	
Rear View Camera	Camera operates as intended	
Hour Meter / Odometer	3903 hrs	

Air Conditioner	The ambient temperature is too cold to check, One vent louver damaged	
Heater	Operational	
Limited Function Check	The main components are in place and operational as noted.	
Excavator* # 1		
Excavator* # 2		
Excavator* # 3		
Excavator* # 4		
Excavator* # 5		
Excavator* # 6		

Excavator* # 7



Engine		
Item	Assessment	Photo
Engine	CARB Compliant, Requires Diesel Exhaust Fluid, No date listed	
Emission Label		 A close-up photograph of a Volvo engine emission label. The label is white with black text and features the Volvo logo at the top. It includes technical specifications and a 'REPLACEMENT ENGINE' section. The label is mounted on a metal surface, and the word 'IRON' is visible in the bottom right corner of the photo.
A/C Compressor	In place; ambient temperature too cold to check operation	 A photograph of the A/C compressor on the engine. The compressor is a cylindrical component with various hoses and wires connected to it. The word 'IRON' is visible in the bottom right corner of the photo.
Blow-by (subjective visual observation)	No noticeable vapor or pressure	
Starter	Operational	
Exhaust System	No visible damage or missing components	 A photograph of the exhaust system, showing the turbocharger and various pipes. The word 'IRON' is visible in the bottom right corner of the photo.
Radiator	★★★★☆	 A photograph of the radiator, showing the cooling fins and hoses. The word 'IRON' is visible in the bottom right corner of the photo.
Oil Leaks	Wiring harness input area	 A photograph of the wiring harness input area, showing various electrical components and hoses. The word 'IRON' is visible in the bottom right corner of the photo.
Fuel Leaks	No dripping leaks	
Cooling System Leaks	No dripping leaks	

Engine - Left Side		
Engine - Right Side		
DEF / AdBlue Tank		
Limited Function Check	The engine started and ran.	
Engine #1		
Engine #2		

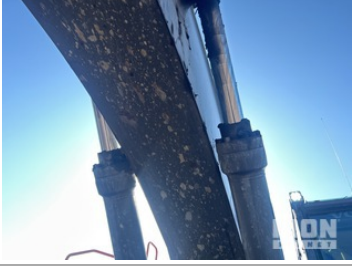
Drivetrain

Operational test is limited to low speed in a confined flat area without load. Differential interlocks, full transmission shifting and functionality of all drive axles cannot be fully verified. Inspector listens for abnormal noises, observes leaks and notes physical damage.

Item	Assessment	Photo
Left Drive Motor	★★★★☆	 A close-up photograph of the left drive motor, showing a large, dark, cylindrical component with a textured surface. The word "IRON" is visible in the bottom right corner of the image.
Right Drive Motor	★★★★☆	 A close-up photograph of the right drive motor, showing a large, dark, cylindrical component with a textured surface. The word "IRON" is visible in the bottom right corner of the image.
Left Final Drive	★★★★☆	 A close-up photograph of the left final drive, showing a large, dark, cylindrical component with a textured surface. The word "IRON" is visible in the bottom right corner of the image.
Right Final Drive	★★★★☆	 A close-up photograph of the right final drive, showing a large, dark, cylindrical component with a textured surface. The word "IRON" is visible in the bottom right corner of the image.
Limited Function Check	The drivetrain was operational.	

Hydraulics

Item	Assessment	Photo
Pumps (Hydraulics)	★★★★☆	
Valves	★★★★☆	
Hydraulic Tank	★★★★☆	
Hydraulic Control Pattern Changer	★★★★☆	
Hoses (Hydraulics)	★★★★☆	
Auxiliary Hydraulic Plumbing	Capped off, Not operationally checked, End of stick	

Swing Motor	★★★★☆	
Hydraulic Center Swivel	★★★★☆	
Boom Lift Cylinder(s)	★★★★☆	
Stick Cylinder	★★★★☆	
Bucket Cylinder	★★★★☆	
Limited Function Check	The hydraulic system was operational.	
Excavator_2 # 1		
Excavator_2 # 2		

Excavator_2 # 3



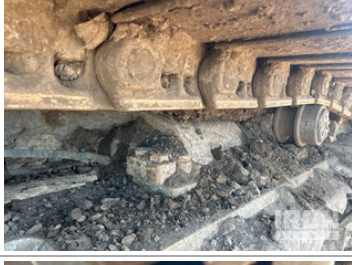
Chassis

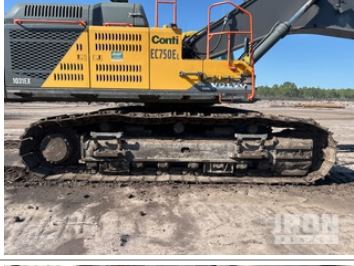
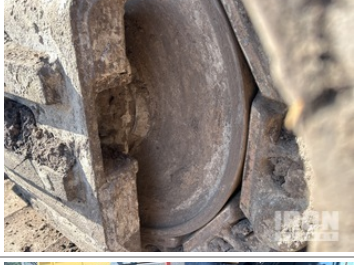
Item	Assessment	Photo
Boom Condition	★★★★☆	
Stick Condition	★★★★☆	
Boom Base Pin and Bushings	★★★★☆	
Pin and Bushings Boom to Stick	★★★★☆	
Pin and Bushings Stick to Bucket	★★★★☆	
Turntable Bearing	★★★★☆	
Bottom Covers	★★★★☆	
Limited Function Check	The main components were operational in a limited check.	

Excavator* # 1		
Excavator* # 2		
Excavator* # 3		
Excavator* # 4		
Excavator* # 5		
Excavator* # 6		
Excavator* # 7		

Undercarriage

Undercarriage components photos (links, bushings, sprockets, idlers, rollers, grousers) are selected as representative. Bidders are encouraged to review photos using the zoom feature to judge condition in detail.

Item	Assessment	Photo
Track Link Brand	Other Volvo Other Volvo	
Left Roller Frame	★★★★☆	
Left Track Tensioner	★★★★☆	
Left Track Pads	★★★★☆ 35.5 in Wide Double Grouser	
Left Grouser Height	47 mm	
Left Track Links	147 mm	
Left Track Bushings	84 mm	

Left Carrier Rollers	3 carrier rollers #1 196 mm #2 198 mm #3 196 mm	
Left Bottom Rollers	8 Bottom Rollers #1 234 mm #2 236 mm #3 Guard mm #4 235 mm #5 236 mm #6 236 mm #7 Guard mm #8 234 mm	
Left Idler	25 mm	
Left Sprocket	★★★★☆	
Right Roller Frame	★★★★☆	
Right Track Tensioner	★★★★☆	
Right Track Pads	★★★★☆ 35.5 in Wide Double Grouser	

Right Grouser Height	46 mm	
Right Track Links	147 mm	
Right Track Bushings	83 mm	
Right Carrier Rollers	3 Carrier Rollers #1 196 mm #2 197 mm #3 196 mm	
Right Bottom Rollers	8 Bottom Rollers: #1 235 mm #2 236 mm #3 Guard mm #4 235 mm #5 236 mm #6 236 mm #7 Guard mm #8 233 mm	
Right Idler	26 mm	
Right Sprocket	★★★★☆	

Undercarriage #1		
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Specialty		
Item	Assessment	Photo
Excavator Bucket Condition	★★★★☆	
Bucket Cutting Edge/Shanks/Teeth	★★★★☆ No visible damage or missing components	
Excavator_2 # 1		
Excavator_2 # 2		
Excavator_2 # 3		
Excavator_2 # 4		

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