

# VOLVO - INSPECTION REPORT

## Volvo, Ec220e - Track Excavators

### Images



Comment:

Country: US  
Date: 07/30/2019  
Make: Volvo  
Serial number: 310355

Dealer: Arnold Machinery Company  
Inspector: Mike seifert  
Model: Ec220e  
Engine S/N: 11847862

Location: Las vegas  
Year: 2015  
Hours: 3498  
Matris hours: 3497

Comment:

### Equipped Configuration

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Yes EROPS                  | <input type="checkbox"/> Yes Cab risers                      | <input checked="" type="checkbox"/> Yes Proportional joystick controls |
| <input checked="" type="checkbox"/> Yes Air conditioning       | <input type="checkbox"/> Yes Cab riser hydraulic             | <input checked="" type="checkbox"/> Yes Joystick controls              |
| <input type="checkbox"/> Yes Stick short                       | <input checked="" type="checkbox"/> Yes Standard car body    | <input checked="" type="checkbox"/> Yes Thumb - Manual                 |
| <input checked="" type="checkbox"/> Yes Stick medium           | <input type="checkbox"/> Yes Hydraulic retractable UC        | <input type="checkbox"/> Yes Thumb hydraulic                           |
| <input type="checkbox"/> Yes 2 Piece boom                      | <input checked="" type="checkbox"/> Yes Auxiliary hydraulics | <input type="checkbox"/> Yes Counterweight removal sys.                |
| <input type="checkbox"/> Yes Long reach arrangement            | <input type="checkbox"/> Yes Hose rupture valves             | <input type="checkbox"/> Yes Long undercarriage                        |
| <input type="checkbox"/> Yes Drill arrangement                 | <input checked="" type="checkbox"/> Yes Boom float           | <input type="checkbox"/> Yes Quick coupler manual                      |
| <input type="checkbox"/> Yes Recycling arrangement             | <input type="checkbox"/> Yes Attachment circuits             | <input type="checkbox"/> Yes Quick coupler hydraulic                   |
| <input checked="" type="checkbox"/> Yes Demolition arrangement | <input type="checkbox"/> Yes Leveling blade                  | <input type="checkbox"/> Yes Auto Lube                                 |
| <input type="checkbox"/> Yes Mass excavator arrangement        | <input type="checkbox"/> Yes Cushion boom cylinder           | <input checked="" type="checkbox"/> Yes Travel pedal                   |
| <input type="checkbox"/> Yes Forestry arrangement              |  |  |

Comment:

### Operators Station

- |                  |  |
|------------------|--|
| Seat and armrest | <input checked="" type="checkbox"/> Good |
| Dash and console | <input checked="" type="checkbox"/> Good |
| Floor Board/Mat  | <input checked="" type="checkbox"/> Good |
| Cab glass        | <input checked="" type="checkbox"/> Good |
| Mirrors          | <input checked="" type="checkbox"/> Good |
| Interior light   | <input checked="" type="checkbox"/> Good |

Switches [ X ] Good  
Wipers [ X ] Good  
Gauges [ X ] Good  
Hydraulic controls [ X ] Good  
Powertrain controls [ X ] Good  
AC cooling [ X ] Good  
CAB Interior [ X ] Good

Operators station  
condition summary

Comment:

### Outside appearance

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Steps [ X ] Good  
Hand rails [ X ] Good  
Counterweight /  
Bumper [ X ] Good  
Grill [ X ] Good  
Hood [ X ] Good  
Exhaust stack [ X ] Good  
Pre-cleaner bowl [ X ] Good  
Front fenders [ X ] Good  
Hyd tank [ X ] Good  
Fuel tank [ X ] Good  
Car body [ X ] Good  
Fenders [ X ] Good  
OEM Welds [ X ] Good  
Sheet metal [ X ] Good  
Paint [ X ] Good

Outside appearance  
condition summary

Comment:

### Safety condition

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Safety decals in place [ X ] Yes  
Operators manual [ X ] Yes  
Safety handles [ X ] Good  
Seat belt [ X ] Good  
Horn [ X ] Good  
Back up alarm [ X ] Good  
Brake hold [ X ] Good  
ROPS Structure [ X ] Good  
Guarding [ X ] Good

CAB [ X ] Good

Safety condition  
summary

Comment:

### Electrical condition

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Computer [ X ] Good

ECM'S [ X ] Good

Monitor / Display [ X ] Good

Wiring harness's [ X ] Good

Key switch [ X ] Good

Switches [ X ] Good

Lighting [ X ] Good

Engine preheater [ X ] Good

Batteries / Connections [ X ] Good

Battery disconnect [ X ] Good

switch

Electrical condition  
summary

Comment:

### Engine condition

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Oil level OK [ X ] Yes

Water in oil [ X ] No

Compression [ X ] Yes

Blow by [ X ] No

Engine knocking [ X ] No

CE PLATE [ X ] Yes

Oil pressure [ X ] Good

Oil leaks [ X ] No

EPA DECAL [ X ] Yes

Turbo charger [ X ] Good

Exhaust manifold [ X ] Good

Muffler [ X ] Good

Fuel injection system [ X ] Good

Head gasket [ X ] Good

Head [ X ] Good

Fan guard [ X ] Good

Belts & pulleys [ X ] Good

Wiring harness [ X ] Good

Starter [ X ] Good  
Alternator [ X ] Good  
Seals & gaskets [ X ] Good  
Engine mounts [ X ] Good  
Brackets [ X ] Good  
AC Compressor [ X ] Good  
Air filters [ X ] Good

Engine condition  
summary

Comment:

### Cooling system

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Coolant color

Radiator [ X ] Good

Water pump [ X ] Good

Oil cooler [ X ] Good

Fan [ X ] Good

Fan drive [ X ] Good

Hoses [ X ] Good

Cooling system  
summary

Comment:

### Hydraulics condition

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Boom cylinders [ X ] Good

Stick cylinders [ X ] Good

Bucket cylinders [ X ] Good

Blade cylinders [ ] Good [ ] Fair [ ] Poor Remarks:

Thumb cylinders [ ] Good [ ] Fair [ ] Poor Remarks:

Pumps [ X ] Good

Valves [ X ] Good

Hoses [ X ] Good

Fittings [ X ] Good

Tank [ X ] Good

Swing bearing [ X ] Good

Swing gear [ X ] Good

Swing motor [ X ] Good

Hydraulic swivel [ X ] Good

Travel motors [ X ] Good

Pump drive [ X ] Good

Planetaries left [ X ] Good

Planetaries right [ X ] Good

Controls  Good  
Overall condition  Good  
Summary   
Comment:

### Boom & arm condition

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Lower stick pins  Fair Remarks:   
Upper stick pins  Fair Remarks:   
Stick condition  Good  
Stick length   
Boom length   
Lower boom pins  Fair Remarks:   
Upper boom pins  Fair Remarks:   
Boom condition  Good  
Summary   
Comment:

### Bucket & other attachments

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Bucket type / Size   
Coupler type   
Bucket serial   
Coupler serial   
Bucket W / Teeth  Yes  
Addtl attachments   
Bolt on smooth  No  
Bolt on edge  Good  Fair  Poor Remarks:   
Bucket mounts  Fair Remarks:   
Bucket teeth / Segments  Fair Remarks:   
Bucket sides  Fair Remarks:   
Bucket floor  Fair Remarks:

Bucket bottom	[ X ] Fair	Remarks: <input type="text" value="Bent"/>
Coupler	[ ] Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Boom / Frame	[ X ] Good	
Boom / Bucket pins & bushings	[ X ] Fair	Remarks: <input type="text" value="Slightly worn still operable"/>
Summary	<input type="text"/>	
Comment:	<input type="text"/>	

**Undercarriage condition**

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Roller frame right	[ X ] Good
Roller frame left	[ X ] Good
Track adjusters	[ X ] Good
Overall condition	[ X ] Good
Links left	<input type="text"/>
Links left	<input type="text" value="60%"/>
Internal pin wear left	<input type="text"/>
Internal pin wear left	<input type="text" value="60%"/>
External pin wear left	<input type="text"/>
External pin wear left	<input type="text" value="60%"/>
Trackshoe/ Grouser left	<input type="text"/>
Trackshoe/ Grouser left	<input type="text" value="60%"/>
Front Idler left	<input type="text"/>
Front Idler left	<input type="text" value="60%"/>
Sprockets left	<input type="text"/>
Sprockets left	<input type="text" value="60%"/>
Front Carrier Rollers left	<input type="text"/>
Front Carrier Rollers left	<input type="text" value="60%"/>
Center Carrier Rollers left	<input type="text"/>
Center Carrier Rollers left	<input type="text" value="60%"/>
Rear Carrier Rollers left	<input type="text"/>

Rear Carrier Rollers left	60%
Links right	
Links right	60%
Internal pin wear right	
Internal pin wear right	60%
External pin wear right	
External pin wear right	60%
Trackshoe/ Grouser right	
Trackshoe/ Grouser right	60%
Front Idler right	
Front Idler right	60%
Sprockets right	
Sprockets right	60%
Front Carrier Rollers right	
Front Carrier Rollers right	60%
Center Carrier Rollers right	
Center Carrier Rollers right	60%
Rear Carrier Rollers right	
Rear Carrier Rollers right	60%
Bottom rollers S or D	
Undercarriage brand	
Link part number	
Pins & bushings turned	
Comment:	has a small bend in grouser linside

### Bottom rollers S or D

Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
<input type="text"/> mm	60% <input type="text"/>	<input type="text"/> mm
Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)
60% <input type="text"/>	<input type="text"/> mm	60% <input type="text"/>
Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)
<input type="text"/> mm	60% <input type="text"/>	<input type="text"/> mm
Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)
60% <input type="text"/>	<input type="text"/> mm	60% <input type="text"/>
Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
<input type="text"/> mm	60% <input type="text"/>	<input type="text"/> mm
Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)
60% <input type="text"/>	<input type="text"/> mm	60% <input type="text"/>

Bottom rollers S or D right (mm)  
 mm  
Bottom rollers S or D left (%)  
 60%  
Bottom rollers S or D left (mm)  
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Bottom rollers S or D right (%)  
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Bottom rollers S or D right (mm)  
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Bottom rollers S or D left (%)  
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Bottom rollers S or D left (mm)  
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Bottom rollers S or D right (%)  
 60%

Bottom rollers S or D right (%)  
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Bottom rollers S or D right (mm)  
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Bottom rollers S or D right (%)  
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Bottom rollers S or D right (mm)  
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Bottom rollers S or D left (%)  
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Bottom rollers S or D left (mm)  
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Bottom rollers S or D right (%)  
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Bottom rollers S or D right (mm)  
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Bottom rollers S or D left (%)  
 60%  
Bottom rollers S or D left (mm)  
 mm  
Bottom rollers S or D right (%)  
 60%  
Bottom rollers S or D right (mm)  
 mm

Comment:

### General Comments

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Legend (5 star rating) [ ] 5 [ ] 4 [ ] 3 [ ] 2 [ ] 1

Paint general [ ] Good [ ] Fair [ ] Poor

Remarks:

Comment: