

# VOLVO - INSPECTION REPORT

## Volvo, EC300E - Track Excavators

Country: US  
Date: 06/12/2020  
Make: Volvo  
Serial number: 311165

Dealer: Hoffman Equipment  
Inspector: Mark  
Model: EC300E  
Engine S/N: 11886191

Location: Deptford  
Year: 2017  
Hours: 3341  
Matris hours:

Comment:

### Equipped Configuration

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

Comment:

### Images

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            | <input checked="" type="checkbox"/> Good |
| Wipers              | <input checked="" type="checkbox"/> Good |
| Gauges              | <input checked="" type="checkbox"/> Good |
| Hydraulic controls  | <input checked="" type="checkbox"/> Good |
| Powertrain controls | <input checked="" type="checkbox"/> Good |
| AC cooling          | <input checked="" type="checkbox"/> Good |
| CAB Interior        | <input checked="" type="checkbox"/> Good |

Operators station  
condition summary

Comment:

## Outside appearance

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Steps [ X ] Good  
Hand rails [ X ] Good  
Counterweight / [ X ] Good  
Bumper  
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 ] No  
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	<input type="text" value="yellow"/>
Radiator	<input checked="" type="checkbox"/> Good
Water pump	<input checked="" type="checkbox"/> Good
Oil cooler	<input checked="" type="checkbox"/> Good
Fan	<input checked="" type="checkbox"/> Good
Fan drive	<input checked="" type="checkbox"/> Good
Hoses	<input checked="" type="checkbox"/> Good
Cooling system summary	<input type="text"/>
Comment:	<input type="text"/>

## Hydraulics condition

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Boom cylinders	<input checked="" type="checkbox"/> Good
Stick cylinders	<input checked="" type="checkbox"/> Good
Bucket cylinders	<input checked="" type="checkbox"/> Good
Blade cylinders	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Thumb cylinders	<input checked="" type="checkbox"/> Good
Pumps	<input checked="" type="checkbox"/> Good
Valves	<input checked="" type="checkbox"/> Good
Hoses	<input checked="" type="checkbox"/> Good
Fittings	<input checked="" type="checkbox"/> Good
Tank	<input checked="" type="checkbox"/> Good
Swing bearing	<input checked="" type="checkbox"/> Good
Swing gear	<input checked="" type="checkbox"/> Good
Swing motor	<input checked="" type="checkbox"/> Good
Hydraulic swivel	<input checked="" type="checkbox"/> Good
Travel motors	<input checked="" type="checkbox"/> Good
Pump drive	<input checked="" type="checkbox"/> Good
Planetaries left	<input checked="" type="checkbox"/> Good
Planetaries right	<input checked="" type="checkbox"/> Good
Controls	<input checked="" type="checkbox"/> Good
Overall condition	<input checked="" type="checkbox"/> Good
Summary	<input type="text"/>
Comment:	<input type="text"/>

## Boom & arm condition

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Lower stick pins	<input checked="" type="checkbox"/> Good
Upper stick pins	<input checked="" type="checkbox"/> Good
Stick condition	<input checked="" type="checkbox"/> Good

Stick length	<input type="text" value="3.7M"/>
Boom length	<input type="text" value="6.2M"/>
Lower boom pins	<input checked="" type="checkbox"/> Good
Upper boom pins	<input checked="" type="checkbox"/> Good
Boom condition	<input checked="" type="checkbox"/> Good
Summary	<input type="text"/>
Comment:	<input type="text"/>

### Bucket & other attachments

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Bucket type / Size	<input type="text" value="54"/>
Coupler type	<input type="text" value="No Coupler"/>
Bucket serial	<input type="text"/>
Coupler serial	<input type="text" value="No Coupler"/>
Bucket W / Teeth	<input checked="" type="checkbox"/> Yes
Addtl attachments	<input type="text"/>
Bolt on smooth	<input checked="" type="checkbox"/> No
Bolt on edge	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Bucket mounts	<input checked="" type="checkbox"/> Good
Bucket teeth / Segments	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Bucket sides	<input checked="" type="checkbox"/> Good
Bucket floor	<input checked="" type="checkbox"/> Good
Bucket bottom	<input checked="" type="checkbox"/> Good
Coupler	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Boom / Frame	<input checked="" type="checkbox"/> Good
Boom / Bucket pins & bushings	<input checked="" type="checkbox"/> Good
Summary	<input type="text"/>
Comment:	<input type="text"/>

### Undercarriage condition

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Roller frame right	<input checked="" type="checkbox"/> Good
Roller frame left	<input checked="" type="checkbox"/> Good
Track adjusters	<input checked="" type="checkbox"/> Good

Overall condition [ X ] Good

Links left	114
Links left	20%
Internal pin wear left	815
Internal pin wear left	90%
External pin wear left	66
External pin wear left	80%
Trackshoe/ Grouser left	25
Trackshoe/ Grouser left	90%
Front Idler left	22
Front Idler left	100%
Sprockets left	2
Sprockets left	70%
Front Carrier Rollers left	154
Front Carrier Rollers left	95%
Center Carrier Rollers left	
Center Carrier Rollers left	
Rear Carrier Rollers left	154
Rear Carrier Rollers left	95%
Links right	114
Links right	80%
Internal pin wear right	815
Internal pin wear right	90%
External pin wear right	66
External pin wear right	80%
Trackshoe/ Grouser right	25
Trackshoe/ Grouser right	90%
Front Idler right	2
Front Idler right	70%
Sprockets right	2

Sprockets right

Front Carrier Rollers right

Front Carrier Rollers right

Center Carrier Rollers right

Center Carrier Rollers right

Rear Carrier Rollers right

Rear Carrier Rollers right

Bottom rollers S or D

Undercarriage brand

Link part number

Pins & bushings turned

Comment:

**Bottom rollers S or D**

Bottom rollers S or D left (mm)  mm

Bottom rollers S or D right (%)

Bottom rollers S or D right (mm)  mm

Bottom rollers S or D left (%)

Bottom rollers S or D left (mm)  mm

Bottom rollers S or D right (%)

Bottom rollers S or D right (mm)  mm

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Bottom rollers S or D right (%)

Bottom rollers S or D right (mm)  mm

Bottom rollers S or D left (%)

Bottom rollers S or D left (mm)

Bottom rollers S or D right (%)

Bottom rollers S or D right (mm)

Comment:

**General Comments**

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

Paint general [ ] Good [ ] Fair [ ] Poor Remarks:

Comment: