

# VOLVO - INSPECTION REPORT

## Volvo, Ec250e - Track Excavators

Country: US  
Date: 10/22/2019  
Make: Volvo  
Serial number: 310308

Dealer: Arnold Machinery Company  
Inspector: Mike seiert  
Model: Ec250e  
Engine S/N: 11878503

Location: Las Vegas  
Year: 2017  
Hours: 3345  
Matris hours: 3350

Comment:

### Equipped Configuration

<input checked="" type="checkbox"/> <b>Yes</b> EROPS	<input type="checkbox"/> <b>Yes</b> Cab risers	<input checked="" 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 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 checked="" 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 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 checked="" 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 checked="" 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

Good overall condition

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 ] Fair Remarks:   
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

Overall good condition normal wear

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

Overall good condition

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 type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
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" value="Good condition normal wear"/>
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="3.6m"/>
Boom length	<input type="text" value="6m"/>
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" value="Normal ware"/>
Comment:	<input type="text"/>

### Bucket & other attachments

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Bucket type / Size	<input type="text" value="Strickland ek250 46 inch"/>
Coupler type	<input type="text" value="N/a"/>
Bucket serial	<input type="text" value="30830hr"/>
Coupler serial	<input type="text" value="N/a"/>
Bucket W / Teeth	<input checked="" type="checkbox"/> Yes
Addtl attachments	<input type="text"/>
Bolt on smooth	<input type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Slightly worn"/>
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" value="Normal wear overall good condition"/>
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

Links left

Internal pin wear left

Internal pin wear left

External pin wear left

External pin wear left

Trackshoe/ Grouser left

Trackshoe/ Grouser left

Front Idler left

Front Idler left

Sprockets left

Sprockets left

Front Carrier Rollers left

Front Carrier Rollers left

Center Carrier Rollers left

Center Carrier Rollers left

Rear Carrier Rollers left

Rear Carrier Rollers left

Links right

Links right

Internal pin wear right

Internal pin wear right

External pin wear right

External pin wear right

Trackshoe/ Grouser right

Trackshoe/ Grouser right

Front Idler right

Front Idler right

Sprockets right

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

Comment:

**General Comments**

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

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

Comment: