

# VOLVO - INSPECTION REPORT

## Volvo, Ec250e - Track Excavators

Country: US  
Date: 03/26/2019  
Make: Volvo  
Serial number: 310102

Dealer: Arnold Machinery Company  
Inspector: Mike seifert  
Model: Ec250e  
Engine S/N: 11706975

Location: Las vegas  
Year: 2015  
Hours: 2828  
Matris hours: 2828

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 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 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 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 type="checkbox"/> <b>Yes</b> Attachment circuits	<input checked="" 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"/> Fair Remarks: <input type="text" value="Needs cleaned"/>

Operators station  
condition summary

Comment:

## Outside appearance

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Steps	[ X ] Good	
Hand rails	[ X ] Good	
Counterweight /	[ ] Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Bumper		
Grill	[ X ] Good	
Hood	[ X ] Good	
Exhaust stack	[ X ] Fair	Remarks: <input type="text" value="Needs paint"/>
Pre-cleaner bowl	[ X ] Good	
Front fenders	[ X ] Good	
Hyd tank	[ X ] Good	
Fuel tank	[ X ] Good	
Car body	[ X ] Fair	Remarks: <input type="text" value="Needs paint"/>
Fenders	[ X ] Good	
OEM Welds	[ X ] Good	
Sheet metal	[ X ] Fair	Remarks: <input type="text" value="Rear pump door severely bent needs hinge as well"/>
Paint	[ X ] Fair	Remarks: <input type="text" value="Needs paint high gloss paint peeling off"/>
Outside appearance condition summary	<input type="text"/>	
Comment:	<input type="text"/>	

## 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	<input type="text"/>	
Comment:	<input type="text"/>	

## 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 [ X ] Good

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 [ X ] Good

Overall condition [ X ] Good

Summary

Comment:

### Boom & arm condition

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Lower stick pins	[ X ] Good
Upper stick pins	[ X ] Good
Stick condition	[ X ] Good
Stick length	<input type="text" value="2.97 meters"/>
Boom length	<input type="text" value="6.0 meters"/>
Lower boom pins	[ X ] Good
Upper boom pins	[ X ] Good
Boom condition	[ X ] Good
Summary	<input type="text"/>
Comment:	<input type="text"/>

### Bucket & other attachments

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Bucket type / Size	<input type="text" value="Volvo 23inch"/>
Coupler type	<input type="text" value="Volvo"/>
Bucket serial	<input type="text" value="Missing"/>
Coupler serial	<input type="text" value="25629"/>
Bucket W / Teeth	[ X ] Yes
Addtl attachments	<input type="text"/>
Bolt on smooth	[ X ] No
Bolt on edge	[ X ] Good
Bucket mounts	[ X ] Good
Bucket teeth / Segments	[ X ] Good
Bucket sides	[ X ] Good
Bucket floor	[ X ] Good
Bucket bottom	[ X ] Fair Remarks: <input type="text" value="Small dent"/>
Coupler	[ X ] Good
Boom / Frame	[ X ] Good
Boom / Bucket pins & bushings	[ X ] Fair Remarks: <input type="text" value="Pins a little long"/>
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

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	20%
Sprockets right	
Sprockets right	20%
Front Carrier Rollers right	
Front Carrier Rollers right	20%
Center Carrier Rollers right	
Center Carrier Rollers right	20%
Rear Carrier Rollers right	
Rear Carrier Rollers right	20%
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 left (%) 30% [ ]	Bottom rollers S or D right (mm) [ ] mm
Bottom rollers S or D right (%) 30% [ ]	Bottom rollers S or D left (mm) [ ] mm	Bottom rollers S or D left (%) 30% [ ]
Bottom rollers S or D right (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 (mm) [ ] mm	Bottom rollers S or D left (%) 30% [ ]	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: