

# VOLVO - INSPECTION REPORT

## Volvo, EC250EL - Track Excavators

Country: US  
Date: 12/19/2019  
Make: Volvo  
Serial number: 310470

Dealer: Arnold Machinery Company  
Inspector: Justin McDonald  
Model: EC250EL  
Engine S/N: 12105811

Location: Las Vegas  
Year: 2018  
Hours: 527  
Matris hours: 533

Comment:

### Equipped Configuration

- |   |   |  |
|---|---|--|
| <input 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 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 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  Good

Dash and console  Fair Remarks:

Floor Board/Mat  Good

Cab glass  Good

Mirrors  Good

Interior light  Good

Switches  Good

Wipers  Good

Gauges  Good

Hydraulic controls  Good

Powertrain controls  Good

AC cooling  Good

CAB Interior  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 ] Fair Remarks:

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 ] No

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	<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="2.97m"/>
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"/>
Comment:	<input type="text"/>

### Bucket & other attachments

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Bucket type / Size	<input type="text" value="Volvo 1.24 yard"/>
Coupler type	<input type="text" value="Na"/>
Bucket serial	<input type="text" value="1750041"/>
Coupler serial	<input type="text" value="Na"/>
Bucket W / Teeth	<input checked="" type="checkbox"/> Yes
Addtl attachments	<input type="text" value="WB Hydraulic thumb S# 271286-1-1"/>
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 checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Teeth have been welded on"/>
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

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" value="85%"/>	Bottom rollers S or D right (mm) <input type="text"/> mm
Bottom rollers S or D right (%) <input type="text" value="85%"/>	Bottom rollers S or D left (mm) <input type="text"/> mm	Bottom rollers S or D left (%) <input type="text" value="85%"/>
Bottom rollers S or D right (mm) <input type="text"/> mm	Bottom rollers S or D right (%) <input type="text" value="85%"/>	Bottom rollers S or D left (mm) <input type="text"/> mm
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Comment:

**General Comments**

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

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

Comment: