

# VOLVO - INSPECTION REPORT

## Volvo, Ec250e - Track Excavators

### Images



Comment:

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"/> 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 type="checkbox"/> Yes Thumb - Manual                            |
| <input 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 checked="" type="checkbox"/> Yes Quick coupler hydraulic        |
| <input 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 ] Fair Remarks: Needs cleaned |
| Operators station condition summary |                                   |
| Comment:                            |                                   |

### Outside appearance

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|                                      |  |
|--------------------------------------|--|
| Steps                                | [ X ] Good   |
| Hand rails                           | [ X ] Good   |
| Counterweight / Bumper               | [ ] Good [ ] Fair [ ] Poor Remarks:                                  |
| Grill                                | [ X ] Good   |
| Hood                                 | [ X ] Good   |
| Exhaust stack                        | [ X ] Fair Remarks: Needs paint                                      |
| Pre-cleaner bowl                     | [ X ] Good   |
| Front fenders                        | [ X ] Good   |
| Hyd tank                             | [ X ] Good   |
| Fuel tank                            | [ X ] Good   |
| Car body                             | [ X ] Fair Remarks: Needs paint                                      |
| Fenders                              | [ X ] Good   |
| OEM Welds                            | [ X ] Good   |
| Sheet metal                          | [ X ] Fair Remarks: Rear pump door severely bent needs hinge as well |
| Paint                                | [ X ] Fair Remarks: Needs paint high gloss paint peeling off         |
| 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 [ 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

Boom length

Lower boom pins [ X] Good

Upper boom pins [ X] Good

Boom condition [ X] Good

Summary

Comment:

### Bucket & other attachments

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Bucket type / Size

Coupler type

Bucket serial

Coupler serial

Bucket W / Teeth [ X] Yes

Addtl attachments

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                  | <input type="text"/>             |  |
| Links left                  | <input type="text"/>             |  |
| Internal pin wear left      | <input type="text"/>             |  |
| Internal pin wear left      | <input type="text"/>             |  |
| External pin wear left      | <input type="text"/>             |  |
| External pin wear left      | <input type="text"/>             |  |
| Trackshoe/ Grouser left     | <input type="text"/>             |  |
| Trackshoe/ Grouser left     | <input type="text"/>             |  |
| Front Idler left            | <input type="text"/>             |  |
| Front Idler left            | <input type="text"/>             |  |
| Sprockets left              | <input type="text"/>             |  |
| Sprockets left              | <input type="text" value="20%"/> |  |
| Front Carrier Rollers left  | <input type="text"/>             |  |
| Front Carrier Rollers left  | <input type="text" value="20%"/> |  |
| Center Carrier Rollers left | <input type="text"/>             |  |
| Center Carrier Rollers left | <input type="text" value="20%"/> |  |
| Rear Carrier Rollers left   | <input type="text"/>             |  |

|                              |                                  |
|------------------------------|----------------------------------|
| Rear Carrier Rollers left    | <input type="text" value="20%"/> |
| Links right                  | <input type="text"/>             |
| Links right                  | <input type="text" value="20%"/> |
| Internal pin wear right      | <input type="text"/>             |
| Internal pin wear right      | <input type="text" value="20%"/> |
| External pin wear right      | <input type="text"/>             |
| External pin wear right      | <input type="text" value="20%"/> |
| Trackshoe/ Grouser right     | <input type="text"/>             |
| Trackshoe/ Grouser right     | <input type="text" value="20%"/> |
| Front Idler right            | <input type="text"/>             |
| Front Idler right            | <input type="text" value="20%"/> |
| Sprockets right              | <input type="text"/>             |
| Sprockets right              | <input type="text" value="20%"/> |
| Front Carrier Rollers right  | <input type="text"/>             |
| Front Carrier Rollers right  | <input type="text" value="20%"/> |
| Center Carrier Rollers right | <input type="text"/>             |
| Center Carrier Rollers right | <input type="text" value="20%"/> |
| Rear Carrier Rollers right   | <input type="text"/>             |
| Rear Carrier Rollers right   | <input type="text" value="20%"/> |
| Bottom rollers S or D        | <input type="text"/>             |
| Undercarriage brand          | <input type="text"/>             |
| Link part number             | <input type="text"/>             |
| Pins & bushings turned       | <input type="text"/>             |
| Comment:                     | <input type="text"/>             |

**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 left (%)

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 (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

Bottom rollers S or D left (%)

Bottom rollers S or D right (mm)  
 mm  
 Bottom rollers S or D left (%)  
 30%  
 Bottom rollers S or D left (mm)  
 mm  
 Bottom rollers S or D right (%)  
 30%  
 Bottom rollers S or D right (mm)  
 mm  
 Bottom rollers S or D left (%)  
 30%  
 Bottom rollers S or D left (mm)  
 mm  
 Bottom rollers S or D right (%)  
 30%

Bottom rollers S or D right (%)  
 30%  
 Bottom rollers S or D right (mm)  
 mm  
 Bottom rollers S or D left (%)  
 30%  
 Bottom rollers S or D left (mm)  
 mm  
 Bottom rollers S or D right (%)  
 30%  
 Bottom rollers S or D right (mm)  
 mm  
 Bottom rollers S or D left (%)  
 30%

Bottom rollers S or D left (mm)  
 mm  
 Bottom rollers S or D right (%)  
 30%  
 Bottom rollers S or D right (mm)  
 mm  
 Bottom rollers S or D left (%)  
 30%  
 Bottom rollers S or D left (mm)  
 mm  
 Bottom rollers S or D right (%)  
 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: