

# VOLVO - INSPECTION REPORT

## Volvo, Ec140e - Track Excavators

### Images



Comment:

Country: US  
Date: 07/10/2019  
Make: Volvo  
Serial number: 310219

Dealer: Arnold Machinery Company  
Inspector: Mike seifert  
Model: Ec140e  
Engine S/N: 11790878

Location: Las vegas  
Year: 2017  
Hours: 532  
Matris hours: 532

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 checked="" 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 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 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 checked="" 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 ] Good

Operators station  
condition summary

Comment:

### Outside appearance

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Steps [ X ] Good  
Hand rails [ X ] Good  
Counterweight /  
Bumper [ X ] Good  
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 ] 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

Yellow

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 [ X ] Good  
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  Good  
Overall condition  Good  
Summary   
Comment:

### Boom & arm condition

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Lower stick pins  Fair Remarks:   
Upper stick pins  Fair Remarks:   
Stick condition  Good  
Stick length   
Boom length   
Lower boom pins  Fair Remarks:   
Upper boom pins  Fair Remarks:   
Boom condition  Good  
Summary   
Comment:

### Bucket & other attachments

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Bucket type / Size   
Coupler type   
Bucket serial   
Coupler serial   
Bucket W / Teeth  No  
Addtl attachments   
Bolt on smooth  Yes  
Bolt on edge  Good  
Bucket mounts  Good  
Bucket teeth / Segments  Good  Fair  Poor Remarks:   
Bucket sides  Good  
Bucket floor  Good  
Bucket bottom  Good  
Coupler  Good  Fair  Poor Remarks:   
Boom / Frame  Good  Fair  Poor Remarks:

Boom / Bucket pins & bushings [ X] Fair Remarks: Slightly worn still operable

Summary

Comment:

**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 75%

Internal pin wear left

Internal pin wear left 75%

External pin wear left

External pin wear left 75%

Trackshoe/ Grouser left

Trackshoe/ Grouser left 75%

Front Idler left

Front Idler left 75%

Sprockets left

Sprockets left 75%

Front Carrier Rollers left

Front Carrier Rollers left 75%

Center Carrier Rollers left

Center Carrier Rollers left 75%

Rear Carrier Rollers left

Rear Carrier Rollers left 75%

Links right

Links right 75%

Internal pin wear right

Internal pin wear right 75%

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)  
 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)  
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Bottom rollers S or D left (%)

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Bottom rollers S or D left (%)

Bottom rollers S or D right (mm)

mm

Bottom rollers S or D right (%)

Comment:

**General Comments**

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

Paint general [ ] Good [ ] Fair [ ] Poor

Remarks:

Comment: