

# VOLVO - INSPECTION REPORT

## Volvo, EC480E - Track Excavators

### Images



Comment:

Country: US  
 Date: 07/01/2019  
 Make: Volvo  
 Serial number: 310483

Dealer: Hoffman Equipment  
 Inspector: Wayne  
 Model: EC480E  
 Engine S/N:

Location: DEPTFORD  
 Year: 2015  
 Hours: 4885  
 Matris hours:

Comment:

### Equipped Configuration

- |   |  |  |
|---|--|--|
| <input checked="" 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 type="checkbox"/> <b>Yes</b> Thumb hydraulic                    |
| <input type="checkbox"/> <b>Yes</b> 2 Piece boom                          | <input 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 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 checked="" 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 checked="" type="checkbox"/> <b>Yes</b> Forestry arrangement       |  |  |

Comment:

### Operators Station

- Seat and armrest  Good
- Dash and console  Good
- Floor Board/Mat  Good

Cab glass [ X ] Good  
Mirrors [ X ] Good  
Interior light [ X ] 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 / [ 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  Good

ROPS Structure  Good

Guarding  Good  Fair  Poor Remarks:

CAB  Good

Safety condition summary

Comment:

### Electrical condition

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Computer  Good

ECM'S  Good

Monitor / Display  Good

Wiring harness's  Good

Key switch  Good

Switches  Good

Lighting  Good

Engine preheater  Good

Batteries / Connections  Good

Battery disconnect  Good

switch  
Electrical condition summary

Comment:

### Engine condition

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Oil level OK  Yes

Water in oil  No

Compression  Yes

Blow by  No

Engine knocking  No

CE PLATE  Yes

Oil pressure  Good

Oil leaks  No

EPA DECAL  Yes

Turbo charger  Good

Exhaust manifold  Good

Muffler  Good

Fuel injection system  Good

Head gasket  Good

Head  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 [ ] Good [ ] Fair [ ] Poor Remarks:

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 [ ] Good [ ] Fair [ ] Poor Remarks:

Bucket mounts [ X ] Good

Bucket teeth / Segments [ ] Good [ ] Fair [ ] Poor Remarks:

Bucket sides [ X ] Good

Bucket floor [ ] Good [ ] Fair [ ] Poor Remarks:

Bucket bottom  Good

Coupler  Good  Fair  Poor Remarks:

Boom / Frame  Good

Boom / Bucket pins & bushings  Good

Summary

Comment:

### Undercarriage condition

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Roller frame right  Good

Roller frame left  Good

Track adjusters  Good

Overall condition  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	50%
Links right	125
Links right	40%
Internal pin wear right	873
Internal pin wear right	45%
External pin wear right	69
External pin wear right	50%
Trackshoe/ Grouser right	35
Trackshoe/ Grouser right	10%
Front Idler right	26
Front Idler right	65%
Sprockets right	5
Sprockets right	80%
Front Carrier Rollers right	159
Front Carrier Rollers right	50%
Center Carrier Rollers right	
Center Carrier Rollers right	
Rear Carrier Rollers right	159
Rear Carrier Rollers right	50%
Bottom rollers S or D	s
Undercarriage brand	Volvo
Link part number	14653137
Pins & bushings turned	no
Comment:	

### Bottom rollers S or D

Bottom rollers S or D left (mm)  
 189 mm  
 Bottom rollers S or D right (%)  
 60%  
 Bottom rollers S or D right (mm)  
 193 mm  
 Bottom rollers S or D left (%)  
 35%  
 Bottom rollers S or D left (mm)  
 195 mm  
 Bottom rollers S or D right (%)  
 30%

Bottom rollers S or D left (%)  
 60%  
 Bottom rollers S or D left (mm)  
 192 mm  
 Bottom rollers S or D right (%)  
 40%  
 Bottom rollers S or D right (mm)  
 194 mm  
 Bottom rollers S or D left (%)  
 30%  
 Bottom rollers S or D left (mm)  
 193 mm

Bottom rollers S or D right (mm)  
 189 mm  
 Bottom rollers S or D left (%)  
 45%  
 Bottom rollers S or D left (mm)  
 194 mm  
 Bottom rollers S or D right (%)  
 35%  
 Bottom rollers S or D right (mm)  
 194 mm  
 Bottom rollers S or D left (%)  
 40%

Bottom rollers S or D right (mm)  
194  mm  
Bottom rollers S or D left (%)  
45%   
Bottom rollers S or D left (mm)  
190  mm  
Bottom rollers S or D right (%)  
50%   
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 (%)  
40%   
Bottom rollers S or D right (mm)  
193  mm  
Bottom rollers S or D left (%)  
55%   
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)  
192  mm  
Bottom rollers S or D right (%)  
40%   
Bottom rollers S or D right (mm)  
191  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

Comment:

### General Comments

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

Paint general

[ ] Good [ ] Fair [ ] Poor

Remarks:

Comment: