

# VOLVO - INSPECTION REPORT

## Volvo, EC480EL - Track Excavators

### Images



Comment:

Country: US  
Date: 03/07/2019  
Make: Volvo  
Serial number: 310387

Dealer: Alta Equipment Company  
Inspector: Brandon Krimm  
Model: EC480EL  
Engine S/N: 582902

Location: 56195  
Year: 2016  
Hours: 5670  
Matris hours: 5679

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 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 checked="" type="checkbox"/> <b>Yes</b> Auxiliary hydraulics | <input checked="" 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 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 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:

### Operators Station

- |                  |  |  |
|------------------|--|--|
| Seat and armrest | <input checked="" type="checkbox"/> Fair | Remarks: <input type="text" value="Seat has a cigarette burn."/> |
| 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 / [ 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 ] No  
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:

Machine is missing operators manual. Rear safety decals need to be replaced.



### Electrical condition

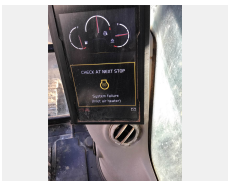
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- Computer [ X ] Good
- ECM'S [ X ] Good
- Monitor / Display [ X ] Good
- Wiring harness's [ X ] Good
- Key switch [ X ] Good
- Switches [ X ] Good
- Lighting [ X ] Good
- Engine preheater [ X ] Good
- Batteries / Connections [ X ] Good
- Battery disconnect [ 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 [ ] Yes [ ] No  
Oil pressure [ X ] Good  
Oil leaks [ X ] No  
EPA DECAL [ X ] No  
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

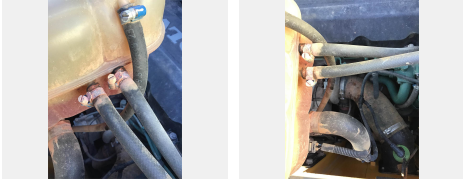
[ X ] Good

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 [ ] 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

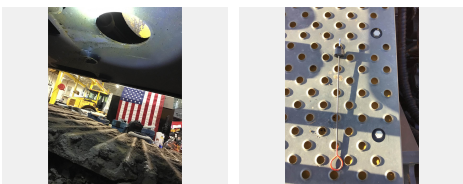
Planetaries right [ X ] Good

Controls [ X ] Good

Overall condition [ X ] Good

Summary

Comment:



### Boom & arm condition

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Lower stick pins [ X ] Good

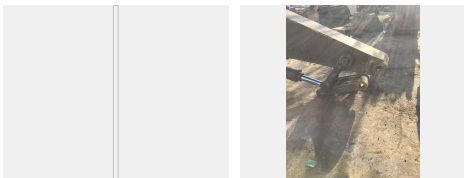
Upper stick pins [ X ] Good

Stick condition [ X ] Good

Stick length	<input type="text" value="3.9M"/>
Boom length	<input type="text" value="7.0M"/>
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**

Bucket type / Size	<input type="text" value="N/A"/>
Coupler type	<input type="text" value="Pin on"/>
Bucket serial	<input type="text" value="N/A"/>
Coupler serial	<input type="text" value="N/A"/>
Bucket W / Teeth	<input type="checkbox"/> Yes <input type="checkbox"/> No
Addtl attachments	<input type="text"/>
Bolt on smooth	<input type="checkbox"/> Yes <input 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 type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Bucket teeth / Segments	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Bucket sides	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Bucket floor	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Bucket bottom	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
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 type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor Remarks: <input type="text"/>
Summary	<input type="text"/>
Comment:	<input type="text" value="Machine has no attachment."/>



## 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	628
Front Idler right	85%
Sprockets right	87
Sprockets right	85%
Front Carrier Rollers right	164
Front Carrier Rollers right	95%
Center Carrier Rollers right	
Center Carrier Rollers right	
Rear Carrier Rollers right	164
Rear Carrier Rollers right	95%
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) 196 mm	Bottom rollers S or D left (%) 75%	Bottom rollers S or D right (mm) 196 mm
Bottom rollers S or D right (%) 75%	Bottom rollers S or D left (mm) 196 mm	Bottom rollers S or D left (%) 75%
Bottom rollers S or D right (mm) 196 mm	Bottom rollers S or D right (%) 75%	Bottom rollers S or D right (mm) 196 mm
Bottom rollers S or D left (%) 75%	Bottom rollers S or D right (mm) 196 mm	Bottom rollers S or D left (mm) 196 mm
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Comment:

## General Comments

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Legend (5 star rating)  4

Paint general  Good

Comment: