

# VOLVO - INSPECTION REPORT

## Volvo, Ec - Track Excavators

Country: US  
Date: 07/23/2020  
Make: Volvo  
Serial number: ~~310456~~ 310456

Dealer: Alta Equipment Company  
Inspector: *Colby H*  
Model: *EC320EL*  
Engine S/N:

Location: Jacksonville  
Year:  
Hours: 0  
Matrix hours:

Comment:

### Equipped Configuration

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Yes EROPS                       | <input type="checkbox"/> Yes Cab risers               | <input type="checkbox"/> Yes Proportional joystick controls |
| <input checked="" type="checkbox"/> Yes Air conditioning | <input type="checkbox"/> Yes Cab riser hydraulic      | <input type="checkbox"/> Yes Joystick controls              |
| <input type="checkbox"/> Yes Stick short                 | <input 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 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 type="checkbox"/> Yes Cushion boom cylinder    | <input type="checkbox"/> Yes Travel pedal                   |
| <input type="checkbox"/> Yes Forestry arrangement        |   |   |

Comment:

### Images

Comment:

### Operators Station

- |                     |  |                               |
|---------------------|--|-------------------------------|
| Seat and armrest    | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Dash and console    | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Floor Board/Mat     | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Cab glass           | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Mirrors             | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Interior light      | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Switches            | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Wipers              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Gauges              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Hydraulic controls  | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| Powertrain controls | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |
| AC cooling          | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor | Remarks: <input type="text"/> |

CAB Interior  Good [ ] Fair [ ] Poor Remarks:

Operators station condition summary

Comment:

**Outside appearance**

Steps  Good [ ] Fair [ ] Poor Remarks:

Hand rails  Good [ ] Fair [ ] Poor Remarks:

Counterweight / Bumper  Good [ ] Fair [ ] Poor Remarks:

Grill  Good [ ] Fair [ ] Poor Remarks:

Hood  Good [ ] Fair [ ] Poor Remarks:

Exhaust stack  Good [ ] Fair [ ] Poor Remarks:

Pre-cleaner bowl  Good [ ] Fair [ ] Poor Remarks:

Front fenders  Good [ ] Fair [ ] Poor Remarks:

Hyd tank  Good [ ] Fair [ ] Poor Remarks:

Fuel tank  Good [ ] Fair [ ] Poor Remarks:

Car body  Good [ ] Fair [ ] Poor Remarks:

Fenders  Good [ ] Fair [ ] Poor Remarks:

OEM Welds  Good [ ] Fair [ ] Poor Remarks:

Sheet metal  Good [ ] Fair [ ] Poor Remarks:

Paint  Good [ ] Fair [ ] Poor Remarks:

Outside appearance condition summary

Comment:

**Safety condition**

Safety decals in place  Yes [ ] No

Operators manual [ ] Yes [ ] No

Safety handles  Good [ ] Fair [ ] Poor Remarks:

Seat belt  Good [ ] Fair [ ] Poor Remarks:

Horn  Good [ ] Fair [ ] Poor Remarks:

Back up alarm  Good [ ] Fair [ ] Poor Remarks:

Brake hold  Good  Fair  Poor Remarks:

ROPS Structure  Good  Fair  Poor Remarks:

Guarding  Good  Fair  Poor Remarks:

CAB  Good  Fair  Poor Remarks:

Safety condition summary

Comment:

**Electrical condition**

Computer  Good  Fair  Poor Remarks:

ECM'S  Good  Fair  Poor Remarks:

Monitor / Display  Good  Fair  Poor Remarks:

Wiring harness's  Good  Fair  Poor Remarks:

Key switch  Good  Fair  Poor Remarks:

Switches  Good  Fair  Poor Remarks:

Lighting  Good  Fair  Poor Remarks:

Engine preheater  Good  Fair  Poor Remarks:

Batteries / Connections  Good  Fair  Poor Remarks:

Battery disconnect switch  Good  Fair  Poor Remarks:

Electrical condition summary

Comment:

**Engine condition**

Oil level OK  Yes  No

Water in oil  Yes  No

Compression  Yes  No

Blow by  Yes  No

Engine knocking  Yes  No

CE PLATE  Yes  No

Oil pressure  Good  Bad

Oil leaks  Yes  No

EPA DECAL  Yes  No

Turbo charger	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Exhaust manifold	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Muffler	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Fuel injection system	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Head gasket	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Head	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Fan guard	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Belts & pulleys	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Wiring harness	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Starter	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Alternator	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Seals & gaskets	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Engine mounts	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Brackets	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
AC Compressor	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Air filters	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Engine condition summary	<input type="text"/>	
Comment:	<input type="text"/>	

**Cooling system**

Coolant color	<input type="text" value="yellow"/>	
Radiator	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Water pump	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Oil cooler	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Fan	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>
Fan drive	<input checked="" type="checkbox"/> Good [ ] Fair [ ] Poor	Remarks: <input type="text"/>

Hoses  Good [ ] Fair [ ] Poor Remarks:

Cooling system summary

Comment:

**Hydraulics condition**

Boom cylinders  Good [ ] Fair [ ] Poor Remarks:

Stick cylinders  Good [ ] Fair [ ] Poor Remarks:

Bucket cylinders  Good [ ] Fair [ ] Poor Remarks:

Blade cylinders [ ] Good [ ] Fair [ ] Poor Remarks:

Thumb cylinders [ ] Good [ ] Fair [ ] Poor Remarks:

Pumps  Good [ ] Fair [ ] Poor Remarks:

Valves  Good [ ] Fair [ ] Poor Remarks:

Hoses  Good [ ] Fair [ ] Poor Remarks:

Fittings  Good [ ] Fair [ ] Poor Remarks:

Tank  Good [ ] Fair [ ] Poor Remarks:

Swing bearing  Good [ ] Fair [ ] Poor Remarks:

Swing gear  Good [ ] Fair [ ] Poor Remarks:

Swing motor  Good [ ] Fair [ ] Poor Remarks:

Hydraulic swivel  Good [ ] Fair [ ] Poor Remarks:

Travel motors  Good [ ] Fair [ ] Poor Remarks:

Pump drive  Good [ ] Fair [ ] Poor Remarks:

Planetaries left  Good [ ] Fair [ ] Poor Remarks:

Planetaries right  Good [ ] Fair [ ] Poor Remarks:

Controls  Good [ ] Fair [ ] Poor Remarks:

Overall condition  Good [ ] Fair [ ] Poor Remarks:

Summary

Comment:

**Boom & arm condition**

Lower stick pins  Good [ ] Fair [ ] Poor Remarks:

Upper stick pins  Good [ ] Fair [ ] Poor Remarks:

Stick condition  Good [ ] Fair [ ] Poor Remarks:

Stick length

Boom length

Lower boom pins  Good  Fair  Poor Remarks:

Upper boom pins  Good  Fair  Poor Remarks:

Boom condition  Good  Fair  Poor Remarks:

Summary

Comment:

**Bucket & other attachments**

Bucket type / Size

Coupler type

Bucket serial

Coupler serial

Bucket W / Teeth  Yes  No

Addl attachments

Bolt on smooth  Yes  No

Bolt on edge  Good  Fair  Poor Remarks:

Bucket mounts  Good  Fair  Poor Remarks:

Bucket teeth / Segments  Good  Fair  Poor Remarks:

Bucket sides  Good  Fair  Poor Remarks:

Bucket floor  Good  Fair  Poor Remarks:

Bucket bottom  Good  Fair  Poor Remarks:

Coupler  Good  Fair  Poor Remarks:

Boom / Frame  Good  Fair  Poor Remarks:

Boom / Bucket pins & bushings  Good  Fair  Poor Remarks:

Summary

Comment:

**Undercarriage condition**

Roller frame right [ ] Good [ ] Fair [ ] Poor Remarks:

Roller frame left [ ] Good [ ] Fair [ ] Poor Remarks:

Track adjusters [ ] Good [ ] Fair [ ] Poor Remarks:

Overall condition [ ] Good [ ] Fair [ ] Poor Remarks:

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

Comment:



**General Comments**

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Legend (5 star rating)  5  4  3  2  1

Paint general  Good  Fair  Poor Remarks:

Comment: