

# VOLVO - INSPECTION REPORT

## Volvo, EC300DL - Track Excavators

### Images



Comment:

Country: US  
Date: 02/13/2018  
Make: Volvo  
Serial number: 210239

Dealer: Arnold Machinery Company  
Inspector: Save Gibson  
Model: EC300DL  
Engine S/N: 11191581

Location: Las Vegas  
Year: 2012  
Hours: 5702  
Matris hours: 5705

Comment:

### Equipped Configuration

- |  |  |   |
|--|--|---|
| <input checked="" 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 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes Attachment circuits  | <input type="checkbox"/> Yes Quick coupler hydraulic        |
| <input checked="" 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:

No coupler. Thumb seem to be working slow.

### Operators Station

Seat and armrest  Fair Remarks: Left arm rest is broken.

Dash and console  Fair Remarks: Needs to be cleaned.

Floor Board/Mat  Fair Remarks: Needs to be cleaned.

Cab glass  Good

Mirrors  Good

Interior light  Good

Switches [ X] Good

Wipers [ X] Fair Remarks: Needs to be adjust when it parks it goes under the stop.

Gauges [ X] Fair Remarks: Screen is scratched

Hydraulic controls [ X] Good

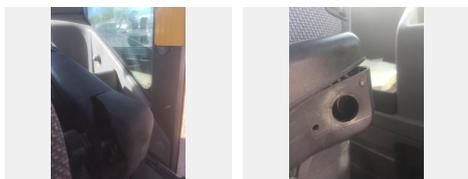
Powertrain controls [ X] Good

AC cooling [ X] Good

CAB Interior [ X] Fair Remarks: Needs to be cleaned.

Operators station condition summary

Comment:



## Outside appearance

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Steps	<input checked="" type="checkbox"/> Good	
Hand rails	<input checked="" type="checkbox"/> Good	
Counterweight /	<input checked="" type="checkbox"/> Fair	Remarks: <input type="text" value="Scratches and rust."/>
Bumper		
Grill	<input checked="" type="checkbox"/> Good	
Hood	<input checked="" type="checkbox"/> Good	
Exhaust stack	<input checked="" type="checkbox"/> Good	
Pre-cleaner bowl	<input checked="" type="checkbox"/> Good	
Front fenders	<input checked="" type="checkbox"/> Good	
Hyd tank	<input checked="" type="checkbox"/> Good	
Fuel tank	<input checked="" type="checkbox"/> Good	
Car body	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	Remarks: <input type="text"/>
Fenders	<input checked="" type="checkbox"/> Good	
OEM Welds	<input checked="" type="checkbox"/> Good	
Sheet metal	<input checked="" type="checkbox"/> Fair	Remarks: <input type="text" value="Right rear door has dents in it."/>
Paint	<input checked="" type="checkbox"/> Fair	Remarks: <input type="text" value="Faded and scratches."/>
Outside appearance condition summary	<input type="text"/>	
Comment:	<input type="text"/>	

## Safety condition

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Safety decals in place	<input checked="" type="checkbox"/> Yes
Operators manual	<input checked="" type="checkbox"/> Yes
Safety handles	<input checked="" type="checkbox"/> Good
Seat belt	<input checked="" type="checkbox"/> Good
Horn	<input checked="" type="checkbox"/> Good
Back up alarm	<input checked="" type="checkbox"/> Good

Brake hold [ X ] Good

ROPS Structure [ X ] Good

Guarding [ X ] Poor Remarks:

CAB [ X ] Good

Safety condition summary

Comment:



### Electrical condition

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Computer [ X ] Good

ECM'S [ X ] Good

Monitor / Display [ X ] Fair Remarks:

Wiring harness's [ X ] Good

Key switch [ X ] Good

Switches [ X ] Good

Lighting [ X ] Poor Remarks:

Engine preheater [ X ] Good

Batteries / Connections [ X ] Good

Battery disconnect switch [ X ] Good

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 ] Yes

Engine knocking [ X ] No

CE PLATE [ X ] Yes

Oil pressure [ X ] Good

Oil leaks [ X ] Yes

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 ] Poor Remarks:

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: <input type="text"/>
Thumb cylinders	[X] Good	
Pumps	[X] Fair	Remarks: <input type="text" value="Pump wines when operating."/>
Valves	[X] Good	
Hoses	[X] Good	
Fittings	[X] Good	
Tank	[X] Good	
Swing bearing	[X] Fair	Remarks: <input type="text" value="Not smooth when rotating."/>
Swing gear	[X] Fair	Remarks: <input type="text" value="Seems like there play in it and jerking when rotating."/>
Swing motor	[X] Good	
Hydraulic swivel	[X] Good	
Travel motors	[X] Good	
Pump drive	[X] Fair	Remarks: <input type="text" value="Pump wines"/>
Planetaries left	[X] Good	
Planetaries right	[X] Good	
Controls	[X] Fair	Remarks: <input type="text"/>
Overall condition	[X] Fair	Remarks: <input type="text"/>
Summary	<input type="text"/>	
Comment:	<input type="text" value="Has Hydraulic oil leak running down undercarriage."/>	

### 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="3.05 M"/>	
Boom length	<input type="text" value="6.2M"/>	
Lower boom pins	[X] Good	
Upper boom pins	[X] Good	
Boom condition	[X] Fair	Remarks: <input type="text" value="Boom has now in bottom."/>
Summary	<input type="text"/>	
Comment:	<input type="text" value="Hydraulic lines for coupler are bent at top of stick. Grease lines broke on stick."/>	



### Bucket & other attachments

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Bucket type / Size

Coupler type

Bucket serial

Coupler serial

Bucket W / Teeth  Yes

Addtl attachments

Bolt on smooth  No

Bolt on edge  Good  Fair  Poor Remarks:

Bucket mounts  Good

Bucket teeth / Segments  Fair Remarks:

Bucket sides  Fair Remarks:

Bucket floor  Fair Remarks:

Bucket bottom  Poor Remarks:

Coupler  Good  Fair  Poor Remarks:

Boom / Frame  Fair Remarks:

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  Fair Remarks:

Links left

Links left

Internal pin wear left	
Internal pin wear left	40%
External pin wear left	
External pin wear left	40%
Trackshoe/ Grouser left	29.5
Trackshoe/ Grouser left	
Front Idler left	
Front Idler left	50%
Sprockets left	
Sprockets left	10%
Front Carrier Rollers left	
Front Carrier Rollers left	65%
Center Carrier Rollers left	
Center Carrier Rollers left	65%
Rear Carrier Rollers left	
Rear Carrier Rollers left	
Links right	114.75
Links right	
Internal pin wear right	
Internal pin wear right	40%
External pin wear right	
External pin wear right	40%
Trackshoe/ Grouser right	28.48
Trackshoe/ Grouser right	
Front Idler right	
Front Idler right	50%
Sprockets right	
Sprockets right	10%
Front Carrier Rollers right	
Front Carrier Rollers right	65%

Center Carrier Rollers right

Center Carrier Rollers right 65%

Rear Carrier Rollers right

Rear Carrier Rollers right

Bottom rollers S or D Single

Undercarriage brand Volvo

Link part number

Pins & bushings turned

Comment: Machine jerks when driving.

**Bottom rollers S or D**

Bottom rollers S or D left (mm) <input type="text"/> mm	Bottom rollers S or D left (%) 35% <input type="text"/>	Bottom rollers S or D right (mm) <input type="text"/> mm
Bottom rollers S or D right (%) 35% <input type="text"/>	Bottom rollers S or D left (mm) <input type="text"/> mm	Bottom rollers S or D left (%) 35% <input type="text"/>
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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"/>		

Comment:

**General Comments**

Legend (5 star rating) [ X ] 2

Paint general [ X ] Fair Remarks:

Comment: