

# VOLVO - INSPECTION REPORT

## Volvo, Ecr305c - Track Excavators

Country: US  
Date: 09/21/2020  
Make: Volvo  
Serial number: 110629

Dealer: Arnold Machinery Company  
Inspector: Mike seifert  
Model: Ecr305c  
Engine S/N: 11864138

Location: Las Vegas  
Year: 2016  
Hours: 3778  
Matris hours:

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 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 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 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:

### Images

Comment:

### Operators Station

Seat and armrest  Fair Remarks:

Dash and console  Fair Remarks:

Floor Board/Mat  Fair Remarks:

Cab glass  Good

Mirrors  Fair Remarks:

Interior light  Good

Switches  Good

Wipers  Good

Gauges  Good

Hydraulic controls  Good

Powertrain controls  Good

AC cooling  Good

CAB Interior  Good

Operators station  
condition summary

Comment:

## Outside appearance

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Steps	[ X ] Good	
Hand rails	[ X ] Good	
Counterweight / Bumper	[ X ] Fair	Remarks: <input type="text" value="Some scratches and gouging"/>
Grill	[ X ] Good	
Hood	[ X ] Fair	Remarks: <input type="text" value="Some rust on hardware"/>
Exhaust stack	[ X ] Good	
Pre-cleaner bowl	[ X ] Good	
Front fenders	[ X ] Good	
Hyd tank	[ X ] Good	
Fuel tank	[ X ] Good	
Car body	[ X ] Fair	Remarks: <input type="text" value="Some scratches"/>
Fenders	[ X ] Good	
OEM Welds	[ X ] Fair	Remarks: <input type="text" value="Rust"/>
Sheet metal	[ X ] Fair	Remarks: <input type="text" value="Both rear doors have small creases and rust"/>
Paint	[ X ] Fair	Remarks: <input type="text" value="Needs is fading"/>
Outside appearance condition summary	<input type="text" value="Tin bent in step area"/>	
Comment:	<input type="text"/>	

## 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	[ X ] Good	
ROPS Structure	[ X ] Good	
Guarding	[ X ] Good	
CAB	[ X ] Fair	Remarks: <input type="text" value="Top has some rust in cracks"/>
Safety condition summary	<input type="text" value="Track body rust"/>	
Comment:	<input type="text"/>	

## Electrical condition

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Computer	[ X ] Good	
ECM'S	[ X ] Good	
Monitor / Display	[ X ] Fair	Remarks: <input type="text" value="Small scratches"/>

Wiring harness's	[ X ] Fair	Remarks: <input type="text" value="Missing cover bye seat"/>
Key switch	[ X ] Good	
Switches	[ X ] Good	
Lighting	[ X ] Fair	Remarks: <input type="text"/>
Engine preheater	[ X ] Good	
Batteries / Connections	[ X ] Good	
Battery disconnect switch	[ X ] Good	
Electrical condition summary	<input type="text"/>	
Comment:	<input type="text"/>	

### 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  Good

Engine condition  
summary

Comment:

### Cooling system

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Coolant color

Radiator  Good

Water pump  Good

Oil cooler  Good

Fan  Good

Fan drive  Good

Hoses  Good

Cooling system  
summary

Comment:

### Hydraulics condition

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Boom cylinders  Good

Stick cylinders  Good

Bucket cylinders  Good

Blade cylinders  Good  Fair  Poor Remarks:

Thumb cylinders  Good  Fair  Poor Remarks:

Pumps  Good

Valves  Good

Hoses  Good

Fittings  Fair Remarks:

Tank  Good

Swing bearing  Good

Swing gear  Good

Swing motor  Good

Hydraulic swivel  Good

Travel motors  Good

Pump drive  Good

Planetaries left  Good

Planetaries right  Good

Controls  Good

Overall condition  Good

Summary

Comment:

### Boom & arm condition

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Lower stick pins	<input checked="" type="checkbox"/> Good
Upper stick pins	<input checked="" type="checkbox"/> Good
Stick condition	<input checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Scratched and gouged"/>
Stick length	<input type="text" value="3.05m"/>
Boom length	<input type="text" value="6.2m"/>
Lower boom pins	<input checked="" type="checkbox"/> Good
Upper boom pins	<input checked="" type="checkbox"/> Good
Boom condition	<input checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Scratched from bucket"/>
Summary	<input type="text" value="Normal wear"/>
Comment:	<input type="text"/>

### Bucket & other attachments

Bucket type / Size	<input type="text" value="Volvo 42 inch"/>
Coupler type	<input type="text"/>
Bucket serial	<input type="text" value="16081604"/>
Coupler serial	<input type="text"/>
Bucket W / Teeth	<input checked="" type="checkbox"/> Yes
Addtl attachments	<input type="text"/>
Bolt on smooth	<input checked="" 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 checked="" type="checkbox"/> Good
Bucket teeth / Segments	<input checked="" type="checkbox"/> Good
Bucket sides	<input checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Some dents"/>
Bucket floor	<input checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Small dent"/>
Bucket bottom	<input checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Small dent rusted"/>
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 checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Normal wear"/>
Summary	<input type="text"/>
Comment:	<input type="text"/>

## Undercarriage condition

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Roller frame right [ X ] Fair Remarks:

Roller frame left [ X ] Fair Remarks:

Track adjusters [ X ] Good

Overall condition [ X ] Fair 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)  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 (%)

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Bottom rollers S or D left (mm)

mm

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)  4

Paint general

Fair

Remarks:

Faded

Comment: