

VOLVO - INSPECTION REPORT

Volvo, EC220EL - Track Excavators

Country: US
Date: 12/04/2020
Make: Volvo
Serial number: 310574

Dealer: Alta Equipment Company
Inspector: Anthony M
Model: EC220EL
Engine S/N: 12005468

Location: New Hudson
Year: 2017
Hours: 2619
Matris hours: 2628

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 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 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 type="checkbox"/> Yes Long undercarriage
<input type="checkbox"/> Yes Drill arrangement	<input checked="" 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 checked="" type="checkbox"/> Yes Travel pedal
<input type="checkbox"/> Yes Forestry arrangement		

Comment:

Images

Comment:

Operators Station

Seat and armrest	<input checked="" type="checkbox"/> Good
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	<input checked="" type="checkbox"/> Good
Wipers	<input checked="" type="checkbox"/> Good
Gauges	<input checked="" type="checkbox"/> Good
Hydraulic controls	<input checked="" type="checkbox"/> Good
Powertrain controls	<input checked="" type="checkbox"/> Good
AC cooling	<input checked="" type="checkbox"/> Good
CAB Interior	<input checked="" type="checkbox"/> Good

Operators station
condition summary

Comment:

Outside appearance

Steps	[X] Good	
Hand rails	[X] Good	
Counterweight /	[X] Fair	Remarks: <input type="text" value="lots of scratches with rust"/>
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] Fair	Remarks: <input type="text" value="major dent on RH side D-channel in rear under pump door"/>
Fenders	[X] Good	
OEM Welds	[X] Good	
Sheet metal	[X] Fair	Remarks: <input type="text" value="RH pump door damaged"/>
Paint	[X] Fair	Remarks: <input type="text" value="lots of fading and scratches on rear of machine"/>
Outside appearance condition summary		<input type="text"/>
Comment:		<input type="text"/>

Safety condition

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] Good	
Safety condition summary		<input type="text"/>
Comment:		<input type="text"/>

Electrical condition

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

Oil level OK [X] Yes
Water in oil [X] No
Compression [X] No
Blow by [X] No
Engine knocking [X] No
CE PLATE [X] No
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

Coolant color

Radiator Good

Water pump Good

Oil cooler Good

Fan Good

Fan drive Good

Hoses Good

Cooling system
summary

Comment:

Hydraulics condition

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 Good

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

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="could use paint on face"/>
Stick length	<input type="text" value="3.5"/>
Boom length	<input type="text" value="5.7"/>
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" value="minor bends in grease lines on stick"/>

Bucket & other attachments

Bucket type / Size	<input type="text" value="Rockland 48"/>
Coupler type	<input type="text" value="none"/>
Bucket serial	<input type="text" value="111322"/>
Coupler serial	<input type="text" value="none"/>
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"/> Fair Remarks: <input type="text" value="worn 50%"/>
Bucket sides	<input checked="" type="checkbox"/> Good
Bucket floor	<input checked="" type="checkbox"/> Good
Bucket bottom	<input checked="" type="checkbox"/> Good
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"/> Good
Summary	<input type="text"/>
Comment:	<input type="text"/>

Undercarriage condition

Roller frame right	[X] Good
Roller frame left	[X] Good
Track adjusters	[X] Good
Overall condition	[X] Good
Links left	102
Links left	60%
Internal pin wear left	193
Internal pin wear left	50%
External pin wear left	56
External pin wear left	50%
Trackshoe/ Grouser left	24
Trackshoe/ Grouser left	75%
Front Idler left	20
Front Idler left	100%
Sprockets left	3
Sprockets left	60%
Front Carrier Rollers left	130
Front Carrier Rollers left	100%
Center Carrier Rollers left	
Center Carrier Rollers left	
Rear Carrier Rollers left	130
Rear Carrier Rollers left	100%
Links right	102
Links right	60%
Internal pin wear right	193
Internal pin wear right	50%
External pin wear right	56
External pin wear right	50%
Trackshoe/ Grouser right	24
Trackshoe/ Grouser right	75%

Front Idler right	24
Front Idler right	50%
Sprockets right	3
Sprockets right	60%
Front Carrier Rollers right	130
Front Carrier Rollers right	100%
Center Carrier Rollers right	
Center Carrier Rollers right	
Rear Carrier Rollers right	130
Rear Carrier Rollers right	100%
Bottom rollers S or D	S
Undercarriage brand	Volvo
Link part number	
Pins & bushings turned	no
Comment:	

Bottom rollers S or D

Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
150 mm	35%	150 mm
Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)
35%	150 mm	35%
Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)
150 mm	35%	150 mm
Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)
35%	150 mm	35%
Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
150 mm	35%	150 mm
Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)
35%	150 mm	35%
Bottom rollers S or D right (mm)	Bottom rollers S or D right (mm)	Bottom rollers S or D right (mm)
150 mm	35%	150 mm
Bottom rollers S or D left (%)	Bottom rollers S or D left (%)	Bottom rollers S or D left (%)
35%	150 mm	35%
Bottom rollers S or D left (mm)	Bottom rollers S or D left (mm)	Bottom rollers S or D right (mm)
150 mm	35%	150 mm
Bottom rollers S or D right (%)	Bottom rollers S or D right (%)	Bottom rollers S or D left (%)
35%	150 mm	35%
Bottom rollers S or D right (mm)	Bottom rollers S or D right (mm)	Bottom rollers S or D left (mm)
150 mm	35%	150 mm
Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)
35%	150 mm	35%
Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
150 mm	35%	150 mm
Bottom rollers S or D right (%)	Bottom rollers S or D right (mm)	Bottom rollers S or D left (%)
35%	150 mm	35%
Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
mm	mm	mm
Bottom rollers S or D right (%)		

Comment:

General Comments

Legend (5 star rating) [X] 3

Paint general

[X] Fair

Remarks:

Comment: