

VOLVO - INSPECTION REPORT

Volvo, Ec220e - Track Excavators

Country: US
Date: 09/10/2020
Make: Volvo
Serial number: 310579

Dealer: Arnold Machinery Company
Inspector: Mike seifert
Model: Ec220e
Engine S/N: 12005480

Location: Las vegas
Year: 2017
Hours: 2444
Matris hours: 2452

Comment:

Equipped Configuration

<input checked="" type="checkbox"/> Yes EROPS	<input type="checkbox"/> Yes Cab risers	<input checked="" 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 checked="" type="checkbox"/> Yes Standard car body	<input checked="" 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 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 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"/> Fair	Remarks: <input type="text" value="Small burn hole in seat"/>
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"/> Fair	Remarks: <input type="text" value="Some rust on brackets"/>
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"/> Fair	Remarks: <input type="text" value="Small cracks in counsels"/>

Operators station
condition summary

Comment:

Outside appearance

Steps	[X] Fair	Remarks: <input type="text"/>
Hand rails	[X] Fair	Remarks: <input type="text" value="Rusted hardware"/>
Counterweight / Bumper	[X] Fair	Remarks: <input type="text" value="Scratched and gouged"/>
Grill	[X] Fair	Remarks: <input type="text" value="Creased"/>
Hood	[X] Fair	Remarks: <input type="text" value="Small scratches rust on hardware"/>
Exhaust stack	[X] Good	
Pre-cleaner bowl	[X] Good	
Front fenders	[X] Fair	Remarks: <input type="text" value="Dented"/>
Hyd tank	[X] Good	
Fuel tank	[X] Good	
Car body	[X] Fair	Remarks: <input type="text" value="Dented and creases"/>
Fenders	[X] Fair	Remarks: <input type="text"/>
OEM Welds	[X] Good	
Sheet metal	[X] Fair	Remarks: <input type="text" value="Rear doors creases"/>
Paint	[X] Fair	Remarks: <input type="text" value="Needs"/>
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] Fair	Remarks: <input type="text" value="Pan good still has bent channel front can't be bent back due to bent car body"/>
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] 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 [X] Good

Engine condition summary

Comment:

Cooling system

Coolant color

Radiator [X] Good

Water pump [X] Good

Oil cooler [X] Good

Fan [X] Fair Remarks:

Fan drive [X] Good

Hoses [X] Good

Cooling system summary

Comment:

Hydraulics condition

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] Fair Remarks:

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

Lower stick pins Good

Upper stick pins Good

Stick condition Fair Remarks:

Stick length

Boom length

Lower boom pins Good

Upper boom pins Good

Boom condition Fair Remarks:

Summary

Comment:

Bucket & other attachments

Bucket type / Size

Coupler type

Bucket serial

Coupler serial

Bucket W / Teeth Yes No

Addtl 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 [X] Good

Summary

Comment:

Undercarriage condition

Roller frame right [X] Good

Roller frame left [X] Good

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

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Bottom rollers S or D left (mm)

mm

Bottom rollers S or D right (%)

Bottom rollers S or D right (mm)

mm

Comment:

General Comments

Legend (5 star rating) [] 5 [] 4 [] 3 [] 2 [] 1

Paint general [] Good [] Fair [] Poor

Remarks:

Comment: