

VOLVO - INSPECTION REPORT

Volvo, Ec220e - Track Excavators

Images



Comment:

Country: US
Date: 08/19/2019
Make: Volvo
Serial number: 310492

Dealer: Arnold Machinery Company
Inspector: Mike seifert
Model: Ec220e
Engine S/N: 11993537

Location: Las vegas
Year: 2017
Hours: 2896
Matris hours: 2895

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 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 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 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:

Operators Station

Seat and armrest [X] Good

Dash and console [X] Fair Remarks:

Floor Board/Mat [X] Good

Cab glass [X] Good

Mirrors [X] Good

Interior light [X] Good

Switches [X] Good
Wipers [X] Good
Gauges [X] Good
Hydraulic controls [X] Good
Powertrain controls [X] Good
AC cooling [X] Good
CAB Interior [X] Good

Operators station
condition summary

Comment:

Outside appearance

Steps [X] Good
Hand rails [X] Good
Counterweight /
Bumper [X] Good
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] Good
Fenders [X] Good
OEM Welds [X] Good
Sheet metal [X] Good
Paint [X] Good

Outside appearance
condition summary

Comment:

Safety condition

Safety decals in place [X] Yes
Operators manual [X] No
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

Comment:

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] Good

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] Good

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 Good
Overall condition Good
Summary
Comment:

Boom & arm condition

Lower stick pins Good
Upper stick pins Good
Stick condition Good
Stick length
Boom length
Lower boom pins Good
Upper boom pins Good
Boom condition Good
Summary
Comment:

Bucket & other attachments

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 Fair Remarks:
Bucket teeth / Segments Good
Bucket sides Good
Bucket floor Fair Remarks:
Bucket bottom Fair Remarks:
Coupler Good Fair Poor Remarks:
Boom / Frame Good

Boom / Bucket pins & bushings [X] Fair Remarks: Slightly worn still operable

Summary

Comment:

Undercarriage condition

Roller frame right [X] Good

Roller frame left [X] Good

Track adjusters [X] Good

Overall condition [X] Good

Links left

Links left 60%

Internal pin wear left

Internal pin wear left 60%

External pin wear left

External pin wear left 60%

Trackshoe/ Grouser left

Trackshoe/ Grouser left 60%

Front Idler left

Front Idler left 60%

Sprockets left

Sprockets left 60%

Front Carrier Rollers left

Front Carrier Rollers left 60%

Center Carrier Rollers left

Center Carrier Rollers left 60%

Rear Carrier Rollers left

Rear Carrier Rollers left 60%

Links right

Links right 60%

Internal pin wear right

Internal pin wear right 60%

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 (%)

Bottom rollers S or D right (mm)
 mm

Bottom rollers S or D left (%)

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Bottom rollers S or D right (mm)
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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

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

Paint general [] Good [] Fair [] Poor

Remarks:

Comment: