

VOLVO - INSPECTION REPORT

Volvo, EC220DL - Track Excavators

Images



Comment:

Country: US
Date: 04/16/2018
Make: Volvo
Serial number: 210608

Dealer: Arnold Machinery Company
Inspector: Dave Gibson
Model: EC220DL
Engine S/N: 11513542

Location: Las Vegas
Year: 2014
Hours: 2741
Matris hours: 2741

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 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 checked="" 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:

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"/> Fair Remarks: <input type="text" value="Only one light works"/> |

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

Good

Comment:

Outside appearance

Steps [X] Fair Remarks: The one by the battery box is bent.

Hand rails [X] Good

Counterweight / [X] Good

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] Good

Fenders [X] Good

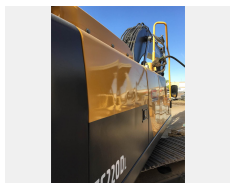
OEM Welds [X] Good

Sheet metal [X] Fair Remarks: Right rear door has two small crease.

Paint [X] Good

Outside appearance
condition summary

Comment:



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 [] Good [] Fair [] Poor Remarks:

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] Poor Remarks:

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 [X] Good
Overall condition [X] Good

Summary

Comment:

Boom & arm condition

Lower stick pins [X] Good

Upper stick pins [X] Good

Stick condition [X] Good

Stick length

Boom length

Lower boom pins [X] Good

Upper boom pins [X] Good

Boom condition [X] Good

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: <input type="text"/> |
| Bucket sides | [] Good [] Fair [] Poor | Remarks: <input type="text"/> |
| Bucket floor | [] Good [] Fair [] Poor | Remarks: <input type="text"/> |
| Bucket bottom | [] Good [] Fair [] Poor | Remarks: <input type="text"/> |
| Coupler | [] Good [] Fair [] Poor | Remarks: <input type="text"/> |
| Boom / Frame | [] Good [] Fair [] Poor | Remarks: <input type="text"/> |
| Boom / Bucket pins & bushings | [] Good [] Fair [] Poor | Remarks: <input type="text"/> |
| 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 | <input type="text"/> |
| Links left | 70% |
| Internal pin wear left | <input type="text"/> |
| Internal pin wear left | 70% |
| External pin wear left | <input type="text"/> |
| External pin wear left | 70% |
| Trackshoe/ Grouser left | <input type="text"/> |
| Trackshoe/ Grouser left | 65% |
| Front Idler left | <input type="text"/> |
| Front Idler left | 50% |
| Sprockets left | <input type="text"/> |
| Sprockets left | 50% |
| Front Carrier Rollers left | <input type="text"/> |
| Front Carrier Rollers left | 60% |

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 left (%)

 Bottom rollers S or D left (mm)
 mm

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

Bottom rollers S or D right (mm)
 mm
Bottom rollers S or D left (%)
 55%
Bottom rollers S or D left (mm)
 mm
Bottom rollers S or D right (%)
 55%
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Bottom rollers S or D left (%)
 55%
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) [X] 4

Paint general [X] Good

Comment: