

VOLVO - INSPECTION REPORT

Volvo, EC480EL - Track Excavators

Images



Comment:

Country: US
Date: 09/04/2019
Make: Volvo
Serial number: 310387

Dealer: Alta Equipment Company
Inspector: Anthony M
Model: EC480EL
Engine S/N: 582902

Location: New Hudson
Year: 2016
Hours: 5683
Matris hours: 5692

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 type="checkbox"/> Yes Thumb hydraulic |
| <input type="checkbox"/> Yes 2 Piece boom | <input type="checkbox"/> Yes Auxiliary hydraulics | <input checked="" 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 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:

Operators Station

Seat and armrest Fair Remarks:

Dash and console Good

Floor Board/Mat Good

Cab glass Good

Mirrors Good

Interior light 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 / [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] 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] No
Blow by [X] No
Engine knocking [X] No
CE PLATE [] Yes [] 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 [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 [X] Good
Overall condition [X] Good

Summary

Comment:

counter weight bolts are just hand tight for removal for shipping.

Boom & arm condition

Lower stick pins [X] Good

Upper stick pins [X] Good

Stick condition [X] Good

Stick length

3.9M

Boom length

7.0M

Lower boom pins [X] Good

Upper boom pins [X] Good

Boom condition [X] Good

Summary

Comment:

Bucket & other attachments

Bucket type / Size

Geith 4.75 cyd

Coupler type

none

Bucket serial

332064

Coupler serial

none

Bucket W / Teeth

[X] Yes

Addtl attachments

Bolt on smooth

[X] No

Bolt on edge

[] Good [] Fair [] Poor

Remarks:

Bucket mounts

[X] Good

Bucket teeth /

[X] Good

Segments

Bucket sides

[X] Good

Bucket floor

[X] Good

Bucket bottom Good

Coupler Good Fair Poor Remarks:

Boom / Frame Good

Boom / Bucket pins & bushings Good

Summary

Comment:

Undercarriage condition

Roller frame right Good

Roller frame left Good

Track adjusters Good

Overall condition Good

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	35%
Links right	126
Links right	50%
Internal pin wear right	216
Internal pin wear right	50%
External pin wear right	71
External pin wear right	25%
Trackshoe/ Grouser right	34
Trackshoe/ Grouser right	75%
Front Idler right	25
Front Idler right	50%
Sprockets right	7
Sprockets right	10%
Front Carrier Rollers right	158
Front Carrier Rollers right	30%
Center Carrier Rollers right	
Center Carrier Rollers right	
Rear Carrier Rollers right	158
Rear Carrier Rollers right	30%
Bottom rollers S or D	S
Undercarriage brand	volvo
Link part number	N/A
Pins & bushings turned	NO
Comment:	worn out

Bottom rollers S or D

Bottom rollers S or D left (mm)
 193 mm
 Bottom rollers S or D right (%)
 30%
 Bottom rollers S or D right (mm)
 193 mm
 Bottom rollers S or D left (%)
 30%
 Bottom rollers S or D left (mm)
 193 mm
 Bottom rollers S or D right (%)
 30%

Bottom rollers S or D left (%)
 30%
 Bottom rollers S or D left (mm)
 193 mm
 Bottom rollers S or D right (%)

 Bottom rollers S or D right (mm)
 193 mm
 Bottom rollers S or D left (%)
 30%
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193 mm
Bottom rollers S or D left (%)
30%

Comment:

General Comments

Legend (5 star rating) [X] 4

Paint general [X] Good

Comment: