VOLVO - INSPECTION REPORT

Volvo, EC300EL - Track Excavators

Country: US	Dealer: Alta Equipment Company	Location: 56195 PONTIAC TRL NEW HUDSON MI 48165
Date: 03/04/2019	Inspector: Jessee	Year: 2016
Make: Volvo	Model: EC300EL	Hours: 3497
Serial number: 310509	Engine S/N: 11761654	Matris hours: 870.05

Comment:

Equipped Configuration

[X] **Yes** EROPS
[X] **Yes** Air conditioning
[ ] **Yes** Stick short
[X] **Yes** Stick medium
[ ] **Yes** 2 Piece boom
[ ] **Yes** Long reach arrangement
[ ] **Yes** Drill arrangement
[ ] **Yes** Recycling arrangement
[ ] **Yes** Demolition arrangement
[ ] **Yes** Mass excavator arrangement
[ ] **Yes** Forestry arrangement

[ ] **Yes** Cab risers
[ ] **Yes** Cab riser hydraulic
[X] **Yes** Standard car body
[ ] **Yes** Hydraulic retractable UC
[X] **Yes** Auxiliary hydraulics
[ ] **Yes** Hose rupture valves
[ ] **Yes** Boom float
[ ] **Yes** Attachment circuits
[ ] **Yes** Leveling blade
[ ] **Yes** Cushion boom cylinder

[ ] **Yes** Proportional joystick controls
[X] **Yes** Joystick controls
[ ] **Yes** Thumb - Manual
[X] **Yes** Thumb hydraulic
[ ] **Yes** Counterweight removal sys.
[X] **Yes** Long undercarriage
[ ] **Yes** Quick coupler manual
[ ] **Yes** Quick coupler hydraulic
[ ] **Yes** Auto Lube
[X] **Yes** Travel pedal

Comment:

Images

Comment:

Operators Station

Seat and armrest	[X] Good
Dash and console	[X] Good
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] Fair Remarks: BENT
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] 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	
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 switch	[X] Good
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	Red
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	[X] Good
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	Esco/2.53yard. 54”
Coupler type	
Bucket serial	RH117139
Coupler serial	
Bucket W / Teeth	[X] Yes
Addtl attachments	
Bolt on smooth	[X] No
Bolt on edge	[X] Good
Bucket mounts	[X] Good
Bucket teeth / Segments	[X] Good
Bucket sides	[X] Good
Bucket floor	[X] Good
Bucket bottom	[X] Good
Coupler	[ ] Good [ ] Fair [ ] Poor Remarks:
Boom / Frame	[X] Good
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] Good
Links left	217
Links left	75%
Internal pin wear left	46
Internal pin wear left	70%
External pin wear left	69
External pin wear left	70%
Trackshoe/ Grouser left	29
Trackshoe/ Grouser left	80%
Front Idler left	632
Front Idler left	70%
Sprockets left	84
Sprockets left	70%
Front Carrier Rollers left	151
Front Carrier Rollers left	70%
Center Carrier Rollers left	151
Center Carrier Rollers left	70%
Rear Carrier Rollers left	151
Rear Carrier Rollers left	70%
Links right	217
Links right	70%
Internal pin wear right	46
Internal pin wear right	70%
External pin wear right	69
External pin wear right	70%
Trackshoe/ Grouser right	29
Trackshoe/ Grouser right	80%

Front Idler right	633
Front Idler right	70%
Sprockets right	82
Sprockets right	70%
Front Carrier Rollers right	151
Front Carrier Rollers right	70%
Center Carrier Rollers right	151
Center Carrier Rollers right	70%
Rear Carrier Rollers right	151
Rear Carrier Rollers right	70%
Bottom rollers S or D	
Undercarriage brand	Volvo
Link part number	14717303
Pins & bushings turned	No
Comment:	

Bottom rollers S or D

Bottom rollers S or D left (mm)
171 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
171 mm
Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
171 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
mm
Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
172 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
170 mm
Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
171 mm
Bottom rollers S or D right (%)
75%

Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
171 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
172 mm
Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
172 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
172 mm
Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
171 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
170 mm
Bottom rollers S or D left (%)
75%

Bottom rollers S or D right (mm)
171 mm
Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
172 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
171 mm
Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
172 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
171 mm
Bottom rollers S or D left (%)
75%
Bottom rollers S or D left (mm)
171 mm
Bottom rollers S or D right (%)
75%
Bottom rollers S or D right (mm)
171 mm

Comment:

General Comments

Legend (5 star rating)	[X] 4
Paint general	[X] Good
Comment:	