VOLVO - INSPECTION REPORT

Volvo, EC380DL - Track Excavators

Images























Comment:

Country: US Date: 02/12/2018 Make: Volvo

Serial number: 210134

Comment:

Dealer: Arnold Machinery Company

Inspector: Dave Gibson Model: EC380DL Engine S/N: 280888 Location: Las Vegas Year: 2011 Hours: 8764 Matris hours: 8691

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
[X] Yes Attachment circuits
[] Yes Leveling blade
[] Yes Cushion boom cylinder

[] Yes Proportional joystick controls
[X] Yes Joystick controls
[] Yes Thumb - Manual
[] Yes Thumb hydraulic
[] Yes Counterweight removal sys.
[X] Yes Long undercarriage

Yes Quick coupler manual
Yes Quick coupler hydraulic
Yes Auto Lube
Yes Travel pedal

Comment: Coupler will not open.

Operators Station

Seat and armrest [X] Poor Remarks: Cover in armrest in good condition bottom of sea is tied in with a piece of wire in it moves every time

Dash and console [X] Fair Remarks: Needs to be cleaned.

Floor Board/Mat [X] Fair Remarks: Needs to be cleaned. Cover on left bottom side broke see picture.

Cab glass [X] Good

Mirrors [X] Good

Interior light [X] Poor Remarks: Looks ok both lights are inoperable.

Switches [X] Good

Wipers [X] Fair Remarks: Needs a new blade, washer inoperable.

Gauges [X] Fair Remarks: Screen scratched.

Hydraulic controls [X] Good

Powertrain controls [X] Good

AC cooling [X] Good

CAB Interior [X] Fair Remarks: Needs seat fixed. Needs to be cleaned.

Operators station condition summary

Comment:







Outside appearance

Steps [X] Fair Remarks: Two on under carriage made out of flatbar, the other two bent.

Hand rails [X] Fair Remarks: One under step on cab bent. One on right front corner of cab welded on and bent.

Counterweight / [X] Fair Remarks: Scratches and rust on bottom.

Bumper

Grill [X] Fair Remarks: Has bow going in and a bend at the bottom.

Hood [X] Fair Remarks: Insulation on bottom of hood is hanging down.

Exhaust stack [X] Good Pre-cleaner bowl [X] Good

Front fenders [X] Fair Remarks: Rusted.

Hyd tank [X] Good Fuel tank [X] Good

Car body [X] Fair Remarks: Dent in right rear door.

Fenders [X] Fair Remarks: Rusted and dents in bottom.

OEM Welds [X] Good

Sheet metal [X] Fair Remarks: Dents in both doors on rear

Paint [X] Fair Remarks: Faded and scratches. Glue left from decals.

Outside appearance condition summary

Comment: Right latch bent on toolbox door.









Safety decals in place	[X] No
Operators manual	[X]Yes
Safety handles	[X] Fair Remarks:
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 [
Comment:	





Electrical condition

Computer	[X] Fair Remarks:
ECM'S	[X] Fair Remarks: Has to active codes.
Monitor / Display	[X] Fair Remarks: Scratches.
Wiring harness's	[X] Good
Key switch	[X] Good
Switches	[X] Good
Lighting	[X] Fair Remarks: Two on boom inoperable.
Engine preheater	[X] Good
Batteries / Connections	[X] Fair Remarks: Unknown age.
Battery disconnect	[X] Good
switch	
Electrical condition [summary	
Comment:	Has two active codes, PPID1139, and PSID9.

Engine condition

Oil level OK	[X]Yes
Water in oil	[X]No
Compression	[X]Yes
Blow by	[]Yes []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] Fair Remarks: Unknown age on belt.
Belts & pulleys Wiring harness	[X] Fair Remarks: Unknown age on belt. [X] Good
Wiring harness	[X] Good
Wiring harness Starter	[X] Good
Wiring harness Starter Alternator	[X] Good [X] Good [X] Good
Wiring harness Starter Alternator Seals & gaskets	[X] Good [X] Good [X] Good [X] Good
Wiring harness Starter Alternator Seals & gaskets Engine mounts	[X] Good [X] Good [X] Good [X] Good [X] Good
Wiring harness Starter Alternator Seals & gaskets Engine mounts Brackets	[X] Good [X] Good [X] Good [X] Good [X] Good [X] Good
Wiring harness Starter Alternator Seals & gaskets Engine mounts Brackets AC Compressor	[X] Good
Wiring harness Starter Alternator Seals & gaskets Engine mounts Brackets AC Compressor Air filters Engine condition	[X] Good
Wiring harness Starter Alternator Seals & gaskets Engine mounts Brackets AC Compressor Air filters Engine condition summary Comment:	[X] Good
Wiring harness Starter Alternator Seals & gaskets Engine mounts Brackets AC Compressor Air filters Engine condition summary Comment: Cooling system	[X] Good
Wiring harness Starter Alternator Seals & gaskets Engine mounts Brackets AC Compressor Air filters Engine condition summary Comment:	[X] Good

[X] Good

Water pump

Oil cooler	[X] Good
Fan	[X] Good
Fan drive	[X] Good
Hoses	[X] Fair Remarks: Unknown age.
Cooling system summary	
Comment:	
Hydraulics condition	on
Boom cylinders	[X] Fair Remarks: Left one has a very small amount of seepeige at the head.
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	[] Good [] Fair [] Poor Remarks:
Travel motors	[X] Good
Pump drive	[X] Good
Planetaries left	[X] Good
Planetaries right	[X] Good
Controls	[X] Good
Overall condition	[X] Good
Summary	[N] Good
Comment:	
Boom & arm cond	ition
Lower stick pins	[X] Good
Upper stick pins	[X] Good
Stick condition	[X] Fair Remarks: It has had a thumb removed from it.
Stick length	3.2M
Boom length	6.45M
Lower boom pins	[X] Good

Upper boom pins	[X] Good
Boom condition	[X] Good
Summary	
Comment:	



Bucket & other attachments

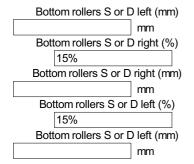
Bucket type / Size	EACO. 54"
Coupler type	ID plate missing has a R on it. See picture.
Bucket serial	ID plate missing.
Coupler serial	ID plate missing.
Bucket W / Teeth	[X]Yes
Addtl attachments	
Bolt on smooth	[X] No
Bolt on edge	[] Good [] Fair [] Poor Remarks:
Bucket mounts	[X] Good
Bucket teeth / Segments	[X] Fair Remarks: Wore down.
Bucket sides	[X] Good
Bucket floor	[X] Good
Bucket bottom	[X] Good
Coupler	[X] Poor Remarks: Will not open.
Boom / Frame	[X] Good
Boom / Bucket pins & bushings	[X] Good
Summary	
Comment:	

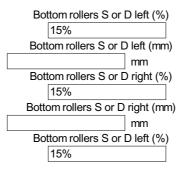


Undercarriage condition

Roller frame right	[X] Good
Roller frame left	[X] Good
Track adjusters	[X] Fair Remarks:
Overall condition	[X] Poor Remarks: Tracks need to be replaced front roller is at the end of adjustment.
Links left	1170
Links left	
Internal pin wear left	
Internal pin wear left	35%
External pin wear left	
External pin wear left	30%
Trackshoe/ Grouser left	25.71
Trackshoe/ Grouser left	
Front Idler left	
Front Idler left	100%
Sprockets left	
Sprockets left	35%
Front Carrier Rollers left	
Front Carrier Rollers left	50%
Center Carrier Rollers left	
Center Carrier Rollers left	50%
Rear Carrier Rollers left	
Rear Carrier Rollers left	50%
Links right	
Links right	

Internal pin wear right	
Internal pin wear right	35%
External pin wear right	
External pin wear right	30%
Trackshoe/ Grouser ight	24.88mm
Trackshoe/ Grouser ight	
Front Idler right	
Front Idler right	100%
Sprockets right	
Sprockets right	35%
Front Carrier Rollers ight	
Front Carrier Rollers ight	50%
Center Carrier Rollers ight	
Center Carrier Rollers ight	50%
Rear Carrier Rollers ight	
Rear Carrier Rollers ight	50%
Bottom rollers S or D	Single
Undercarriage brand	Volvo
Link part number	
Pins & bushings turned	
Comment:	Left and right side track missing bolts in grouser.
Bottom rollers S o	r D





Bottom rollers S or D right (mm)
mm
Bottom rollers S or D left (%)
15%
Bottom rollers S or D left (mm)
mm
Bottom rollers S or D right (%)
15%
Bottom rollers S or D right (mm)
mm

Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)
	Pottom rollors S or D right (9/)	
Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)
mm	15%	mm
Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)
15%	mm	15%
Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
mm	15%	mm
Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)
15%	mm	15%
Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)
mm	15%	mm
Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)
15%	mm	15%
Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
mm		mm
Bottom rollers S or D right (%)		
Pight front lower roller	looking soo pieturo	

Comment:



General Comments

Legend (5 star rating) Paint general	[]5 []4 []3 []2 []1 []Good []Fair []Poor Remarks:	
Comment:		1