### **VOLVO - INSPECTION REPORT**

## Volvo, Ec380e - Track Excavators

Operators station condition summary

Comment:

Dealer: Arnold Machinery Company Country: US Location: Las Vegas Date: 09/17/2020 Inspector: Mike seifert Year: 2014 Make: Volvo Model: Ec380e Hours: 4395 Matris hours: 4395 Serial number: 310233 Engine S/N: 477349 Comment: **Equipped Configuration** [X] Yes EROPS [ ] Yes Cab risers [X] Yes Proportional joystick controls ] Yes Joystick controls [X] Yes Air conditioning **1 Yes** Cab riser hydraulic ] Yes Thumb - Manual ] Yes Stick short [X] Yes Standard car body [X] Yes Stick medium 1 Yes Hydraulic retractable UC 1 Yes Thumb hydraulic [X] Yes Auxiliary hydraulics ] Yes 2 Piece boom ] Yes Counterweight removal sys. ] Yes Long reach arrangement ] Yes Hose rupture valves [X] Yes Long undercarriage ] Yes Drill arrangement ] Yes Boom float ] Yes Quick coupler manual ] Yes Recycling arrangement ] Yes Attachment circuits [X] Yes Quick coupler hydraulic ] Yes Demolition arrangement ] Yes Leveling blade ] Yes Auto Lube ] Yes Mass excavator arrangement ] Yes Cushion boom cylinder ] Yes Travel pedal ] Yes Forestry arrangement Comment: **Images** Comment: **Operators Station** [X] Fair Remarks: Small hole and stains in seat Seat and armrest Dash and console [X] Fair Remarks: Small cracks in consoles Floor Board/Mat [X] Good [X] Good Cab glass [X] Fair Remarks: Some rust on brackets Mirrors 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

#### Steps [X] Good [X] Fair Remarks: Scratches and chip on paint some rust on hardware Hand rails Counterweight / [X] Fair Remarks: Scratched and gouged Bumper Grill [X] Good Hood [X] Fair Remarks: Some scratches Exhaust stack [X] Good Pre-cleaner bowl [X] Fair Remarks: Small rust Front fenders [X] Good Hyd tank [X] Good [X]Good Fuel tank [X] Fair Remarks: Some scratches and dents Car body **Fenders** [X] Good **OEM Welds** [X] Good Sheet metal [X] Fair Remarks: Both rear doors have creases Paint [X] Fair Remarks: Needs paint 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

# **Electrical condition**

Comment:

**Outside appearance** 

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	Yellow
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 conditi	ion
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] Fair Remarks: Some rust
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] Fair Remarks: Scratches and gouging
Stick length	3.2m
Boom length	6.25m
Lower boom pins	[X] Good
Upper boom pins	[X] Good
Boom condition	[X] Fair Remarks: Some gouging from bucket
Summary	Normal wear
Comment:	
Duralisat 9. setti an setti	
Bucket & other att	acnments
Bucket type / Size	Tag. 42 inch 2.075 yd
Coupler type	Tefra
Bucket serial	173563-1
Coupler serial	Tac 66066
Bucket W / Teeth	[X]Yes
Addtl attachments	
Bolt on smooth	[X] No
Bolt on edge	[ ] Good [ ] Fair [ ] Poor Remarks:
Bucket mounts	[X] Fair Remarks: Rusted hardware
Bucket teeth / Segments	[X] Good
Bucket sides	[X] Fair Remarks:
Bucket floor	[X] Good
Bucket bottom	[X] Good
Coupler	[X] Good
Boom / Frame	[X] Good
Boom / Bucket pins & bushings	[X] Fair Remarks: Normal wear
Summary	Some seized links 2 right 4 left
Comment:	

### **Undercarriage condition**

Roller frame right	[X] Fair Remarks:	Some rust and pitted
Roller frame left	[X] Fair Remarks: [	Some rust and pitted
Track adjusters	[X] Good	
Overall condition	[X] Fair Remarks:	Some links seized 2 right 4 left
Links left		
Links left	55%	
Internal pin wear left		
Internal pin wear left	55%	
External pin wear left		
External pin wear left	50%	
Trackshoe/ Grouser left		
Trackshoe/ Grouser left	70%	
Front Idler left		
Front Idler left	65%	
Sprockets left		
Sprockets left	50%	
Front Carrier Rollers left		
Front Carrier Rollers left	45%	
Center Carrier Rollers left		
Center Carrier Rollers left		
Rear Carrier Rollers left		
Rear Carrier Rollers left	45%	
Links right		
Links right	55%	
Internal pin wear right		
Internal pin wear right	55%	
External pin wear right		
External pin wear right	50%	
Trackshoe/ Grouser right		
Trackshoe/ Grouser right	70%	

Front Idler right			
Front Idler right	65%		
Sprockets right			
oproducto rigin			
Sprockets right	50%		
Front Carrier Rollers			
right			
Front Carrier Rollers	1-0/		
right	45%		
Ot Oi D-II			
Center Carrier Rollers right			
Center Carrier Rollers			
right			
Rear Carrier Rollers			
right			
Rear Carrier Rollers	450/		
right	45%		
Bottom rollers S or D	S		
Undercarriage brand			
_	Volvo		
Link part number			
Pins & bushings turned	No		
Comment:			
Bottom rollers S	S or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
	mm	50%	mm
Bottom rollers S	or D right (%)	Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)
50%		mm	50%
Bottom rollers S	or D right (mm)	Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)
	mm	55%	mm
Bottom rollers	S or D left (%)	Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)
50%		mm	45%
Bottom rollers S	or D left (mm)	Bottom rollers S or D left (%)	Bottom rollers S or D right (mm)
	mm	50%	mm
Bottom rollers S	or D right (%)	Bottom rollers S or D left (mm)	Bottom rollers S or D left (%)
50%		mm	50%
Bottom rollers S		Bottom rollers S or D right (%)	Bottom rollers S or D left (mm)
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Bottom rollers	S or D left (%)	Bottom rollers S or D right (mm)	Bottom rollers S or D right (%)
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Bottom rollers S  Bottom rollers  45%  Bottom rollers  S  Bottom rollers S	or D right (mm) mm S or D left (%) G or D left (mm) mm	mm  Bottom rollers S or D right (%)  45%  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 (%)  45%  Bottom rollers S or D right (mm)

Legend (5 star rating) Paint general	[X] 4 [X] Fair Remarks: Needs paint
Comment:	

**General Comments**