# **VOLVO - INSPECTION REPORT**

# Volvo, A40G - Articulated haul trucks

#### **Images**











] Yes Full Suspension

[X] Yes Onboard Weight Sys.

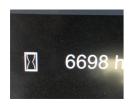
] Yes Frame Ext.

[X] Yes Bed Liner Metal
[ ] Yes Bed Liner Plastic

[X] Yes Back Up Camera

[ ] Yes Fast Fuel





Comment:			
Country: US Date: 07/20/2018 Make: Volvo Serial number: 340359 Trans S/N: 1700105092	Dealer: Arnold Machinery Company Inspector: Dave Gibson Model: A40G Engine S/N: 081141	Location: Las Vegas Year: 2014 Hours: 6698 Matris hours: 6770	
Comment:			
Equipped Configuration			
IXIYes Standard Cab	I 1Yes Scraper ARRG	I 1Yes Fuel Heater	

] Yes Low Profile Cab

[X] Yes Standard Body

[X] Yes Extra Spill Guard

] Yes Exhaust Body Heat

] Yes Underhung Tailgate

] Yes Underground ARRG.

[X] Yes Overhung Tailgate

### **Operators Station**

[X] Yes Mud Flaps

Comment:

**] Yes** Water Tank

[X] Yes LED Light

[X] Yes Strobe Light

[ ] Yes Hydraulic switch control

[X] Yes Hydraulic lever control

] Yes Auto Lube System ] Yes Fire Suppression System

Seats and armrest [X] Good

Dash and console [X] Fair Remarks: Panel on right below shifter has a slight bow in it. panel on right has a very small crack by the retarder

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] Fair Remarks: Needs to be cleaned.

Operators station condition summary

Comment: Lighter inop. cover on ash tray missing.







# Outside appearance

Steps	[X] Fair Remarks: The bottom two step on the left side bent.
Hand rails	[X] Good
Counterweight /	[X] Fair Remarks: Scratches.
Bumper	
Grill	[X] Fair Remarks: The small metal trim piece on right side under grill has a small bend in it.
Hood	[X] Good
Exhaust stack	[X] Good
Pre-cleaner bowl	[ ] Good [ ] Fair [ ] Poor Remarks:
Front fenders	[X] Good
Hyd tank	[X] Good
Fuel tank	[X] Good
Def tank	[X] Good
Front frame & welds	[X] Good
Rear frame & welds	[X] Good
Sheet metal	[X] Good
Paint	[X] Fair Remarks: Faded.
Outside appearance condition summary	
Comment:	The bolt that holds the strobe light when it raised or lowered is missing.





# **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] Fair Remarks: Not very loud.
Brake lights	[X] Good
Turn signals	[ X] Fair Remarks: Left front turn signals inop.
Hazard lights	[X] Fair Remarks: Left front is inop.
ROPS Structure	[X] Good
CAB	[X] Good
Safety condition summary	
Comment:	

# **Electrical condition**

Computer [X] Good ECM'S [X] Good

Monitor / Display [X] Fair Remarks: Display is blurry.

Wiring harness's [X] Good Key switch [X] Good Switches [X] Good

Lighting [X] Fair Remarks: Left front turn signals inop. Back up light inop.

Engine preheater [X] Good Batteries / Connections [X] Good Battery disconnect [X] Good

switch

Electrical condition

summary

Comment: Has new software update. Plug for OBD is hanging under dash.



# **Engine condition**

Oil level OK	[A] TeS
Water in oil	[X] No
Compression in radiator	[X] No
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] Fair Remarks: Could be replaced.
Engine condition summary	
Comment:	Filters are dated 6691 HRS. no date on them, the machine has 6697 on it, so the service has only 6 HRS on it.
Cooling system	
Coolant color	Red
Radiator	[X] Good

[X] Good

Water pump

Oil cooler	[X] Good
Fan	[X] Good
Fan drive	[X] Good
Hoses	[X] Good
Cooling system summary	
Comment:	
Transmission con	dition
Oil level OK	[X]Yes
Water in oil	[X] No
Any leaks	[X] No
Torque converter	[X] Good
Case	[X] Good
Pump	[X] Good
Hoses	[X] Good
Retarder	[X] Good
Transfer case	[X] Good
Shifting forward	[X] Good
Shifting reverse	[X] Good
Transmission summar	У
Comment:	
Axels-Final Drives	-Brakes
Front differential	[X] Good
Center differential	[X] Good
Rear differential	[X] Good
Differential supports	[X] Good
Drive shafts	[X] Good
UV Joints	[X] Good
Planetaires front	[X] Good
Planetaires center	[X] Good
Planetaires rear	[X] Good

Torsion rods	Hoses / Lines	[X] Good	
Praise wet	Torsion rods	[X] Good	
Holds thru all gears [ ] Yes [ ] No Brakes dry [X] No Brake disk / calipers [ ] Good [ ] Fair [ ] Poor Remarks:  Brake lines [X] Good Seats [X] Good Summary  Comment:  Steering Striculation condition  Steering Political Striculation condition  Steering Striculation Striculation Condition  Steering Striculation	Holds in park	[ ]Yes [ ]No	
Brokes dry [X] No Brokes driv [Z] Good [] Fair [] Poor Remarks:  Broke times [X] Good Seals [X] Good Saraticulation condition  Steering & articulation condition  Steering & articulation condition  Steering of articulation condition  Steering pins (X) Good Lines / Hoses [X] Good Lines / Ho	Brakes wet	[X]Yes	
Brake disk / caliplers	Holds thru all gears	[ ]Yes [ ]No	
Brake lines [X] Good  Seals [X] Good  Parking brake [X] Good  Summary  Comment:  Steering & articulation condition  Steering & articulation condition  Steering of Lines   Mood	Brakes dry	[X]No	
Seals	Brake disk / calipers	[ ] Good [ ] Fair [ ] Poor Remarks:	
Parking brake [X] Good  Summary  Comment:  Steering & articulation condition  Steering sylinders [X] Good  Valves [X] Good  Lines / Hoses [X] Good  Lines / Hoses [X] Good  Secondary steering [] Good [] Fair [] Poor Remarks:  Steering pins & [X] Good  Unurction  Articulation pins & [X] Good  Dushings  Summary  Comment:  Hydraulics condition  Bed lift cylinders [X] Good  Valves [X] Good  Valves [X] Good  Fittings [X] Good  Fittings [X] Good  Good [X	Brake lines	[X] Good	
Steering & articulation condition  Steering & articulation condition  Steering of articulation condition  Steering of articulation condition  Steering of articulation condition  Steering of articulation condition  Steering pline of a condition  Steering pline & [X] Good  Lines / Hoses [X] Good  Lines / Hoses [X] Good  Secondary steering [] Good [] Fair [] Poor Remarks:  Steering pins & [X] Good  Hydraulics condition  Hydraulics condition  Bed lift cylinders [X] Good  Hydraulics condition  Fittings [X] Good  Hoses [X] Good  Hoses [X] Good  Controls [X] Good  Controls [X] Good  Operational condition [X] Good  Summary	Seals	[X] Good	
Steering & articulation condition  Steering of articulation condition  Steering prins & [X] Good  Lines / Hoses [X] Good  Lines / Hoses [X] Good  Steering prins & [X] Good  Steering prins & [X] Good  Steering prins & [X] Good  function  Articulation prins & [X] Good  Summary  Comment:  Hydraulics condition  Bed lift cylinders [X] Good  Pumps [X] Good  Hoses [X] Good  Hoses [X] Good  Fittings [X] Good  Controls [X] Good  Controls [X] Good  Bed float [X] Good  Operational condition [X] Good  Operational condition [X] Good  Summary	Parking brake	[X] Good	
Steering & articulation condition  Steering cylinders	Summary		]
Steering & articulation condition  Steering cylinders	Comment:		]
Steering cylinders			
Pumps	Steering & articula	tion condition	
Pumps	Steering cylinders	[X] Good	
Valves         [X] Good           Lines / Hoses         [X] Good           Secondary steering         [] Good [] Fair [] Poor Remarks:           Steering pins & [X] Good           bushings           Steering wheel tilt & [X] Good           function           Articulation pins & [X] Good           bushings           Summary    Hydraulics condition  Bed lift cylinders  [X] Good  Pumps  [X] Good  Valves  [X] Good  Fittings  [X] Good  Fittings  [X] Good  Fittings  [X] Good  Gontrols  [X] Good  Deational condition  Summary  [X] Good  [X] G			
Lines / Hoses			
Secondary steering [ ] Good [ ] Fair [ ] Poor Remarks:  Steering pins & [X] Good bushings Steering wheel tilt & [X] Good function Articulation pins & [X] Good bushings Summary  Comment:  Hydraulics condition  Bed lift cylinders [X] Good Pumps [X] Good Hoses [X] Good Hoses [X] Good Fittings [X] Good Controls [X] Good Controls [X] Good Controls [X] Good Operational condition Summary  [X] Good			
bushings Steering wheel tilt & [X] Good function Articulation pins & [X] Good bushings Summary  Comment:  Hydraulics condition  Bed lift cylinders [X] Good Pumps [X] Good Valves [X] Good Hoses [X] Good Fittings [X] Good Controls [X] Good Controls [X] Good Bed float [X] Good Operational condition  Summary			
Steering wheel tilt & [X] Good function  Articulation pins & [X] Good bushings  Summary  Comment:  Hydraulics condition  Bed lift cylinders [X] Good  Pumps [X] Good  Valves [X] Good  Hoses [X] Good  Fittings [X] Good  Controls [X] Good  Controls [X] Good  Bed float [X] Good  Operational condition  Summary	Steering pins &	[X] Good	
function Articulation pins & [X] Good bushings Summary  Comment:  Hydraulics condition  Bed lift cylinders [X] Good Pumps [X] Good Valves [X] Good Hoses [X] Good Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary	bushings		
function Articulation pins & [X] Good bushings Summary  Comment:  Hydraulics condition  Bed lift cylinders [X] Good Pumps [X] Good Valves [X] Good Hoses [X] Good Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary		[X] Good	
Articulation pins & [X] Good bushings Summary  Comment:  Hydraulics condition  Bed lift cylinders [X] Good Pumps [X] Good Valves [X] Good Hoses [X] Good Fittings [X] Good Fittings [X] Good Controls [X] Good Good Good Good Good Good Good Goo			
bushings Summary  Comment:  Hydraulics condition  Bed lift cylinders		[X] Good	
Summary  Comment:  Hydraulics condition  Bed lift cylinders			
Hydraulics condition  Bed lift cylinders [X] Good Pumps [X] Good Valves [X] Good Hoses [X] Good Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary			
Hydraulics condition  Bed lift cylinders [X] Good Pumps [X] Good Valves [X] Good Hoses [X] Good Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary	Comment:		]
Bed lift cylinders [X] Good Pumps [X] Good Valves [X] Good Hoses [X] Good Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary			ı
Pumps [X] Good Valves [X] Good Hoses [X] Good Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary	Hydraulics condition	on	
Valves [X] Good Hoses [X] Good Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary	Bed lift cylinders	[X] Good	
Hoses [X] Good Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary	Pumps	[X] Good	
Fittings [X] Good Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition [X] Good Summary	Valves	[X] Good	
Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary	Hoses	[X] Good	
Tank [X] Good Controls [X] Good Bed float [X] Good Operational condition Summary	Fittings	[X] Good	
Controls [X] Good  Bed float [X] Good  Operational condition [X] Good  Summary			
Bed float [X] Good Operational condition Summary			
Operational condition [X] Good Summary			
Summary			
Comment:			
Comment:			1
	Comment:		

#### **Bed & other attachments**

Bed type / Size	Dumper body A40
Tailgate S / N	
Bed serial	
Addtl attachments	
Spill guard	[X] Good
Body	[X] Good
Bed liner	[X] Good
Bed sides	[X] Good
Bed floor	[X] Good
Wear plates	[X] Good
Tailgate	[X] Good
Pins & bushings	[X] Good
Summary	
Comment:	
<b>-</b>	
Tires & rims	
Make	LF. Bridgestone
Carriel	
Serial	
% Remaining	30%
Make	LM. Bridgestone
	LIVI. Diragestorie
Serial	
% Remaining	20%
Make	LR. Bridgestone
	LIX. Blidgestorie
Serial	
% Remaining	20%
Make	DE Didectors
	RF. Bridgestone
Serial	
% Remaining	30%
Make	RM. Bridgestone
Serial	- Ingestorie
% Remaining	20%
Make	RR. Double Coin
Serial	
% Remaining	100%
Recapped	[ X ] No
Tread cuts	[X] Yes Remarks: RR. has no cuts
Side wall cuts	[X] Yes Remarks: RR. has no cuts

Tire size the same	[X] Yes Remarks:
Overall tire condition	[X] Fair Remarks: Some dry rot, cut in 5 of them.
Rims	[X] Good
Lug nuts & studs	[X] Good
Comment:	
General Comments	
Legend (5 star rating) Paint general	[X]4 [X] Fair Remarks: Faded and some scratches.
Comment:	