

### APPRAISAL FAMILY: OFF HIGHWAY TRUCKS

Account Manager:Nate Harman	Inspection Date:6/20/2022
Inspector:Jim Gabriel	Report Date:6/21/2022
Location:Glendale	Approved Date:6/21/2022
	Expiration Date:8/20/2022

### MACHINE DETAILS

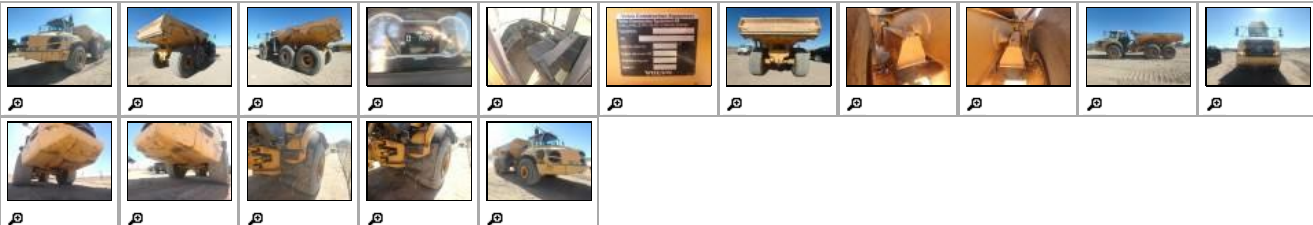
Manufacturer:VL	Model:A40F	S/N:VCE0A40FE00012427
Year:2014	Eng S/N:D16H076400A	Trans S/N:
SMU/Hrs:7507	Hours Date:6/20/2022	
Last Schedule:	Last CTS:	Last PM:4/28/2021
Date Oil Sample Sent to Lab:6/21/2022	Oil Sample:Transmission and Hydraulic	
Recommendations:		

### OFF HIGHWAY TRUCK CONFIGURATION

Air Conditioner: Yes	Body Liner: No	Heated Bed: Yes
Tail Gate: Yes	Side Boards: No	Auto Traction Cont: No
Retarder: No	Fast Fuel: No	Hi Speed Oil Change: No
Engine Tier Rating: Tier four interim	Tire Size: 29.5R25	Product Link: No
Anti-Theft System: No	Comments:	Bed Configuration: Standard
ECM Download: No	Articulated Truck: Yes	Non Articulated Truck: No
Product Link: Inquire for options on		

### GENERAL APPEARANCE

	CODE	REMARKS
Radiator Grill & Shroud	Good	
Engine Enclosure	Not Applicable	
Hood / Stack	Good	
Fenders	Good	
Fuel Tank	Good	
Crankcase Guard	Good	
Battery Box	Good	
Main Frame Welds	Good	
Diff Supports	Good	
Bumper	Good	
Counterweight	Not Applicable	
Pre-Cleaner Bowl	Not Applicable	
Cab	Good	
Steps / Ladder	Good	
Grab Irons	Good	
Paint	Good	
Engine Doors	Not Applicable	
Sheet Metal	Good	
Car Body	Good	
SOS Taken	Yes	Transmission and Hydraulic. Tubing did not fit into engine dipstick tube.
Cleaning Required	Yes	Truck needs cleaned and cab detail.
Notes		



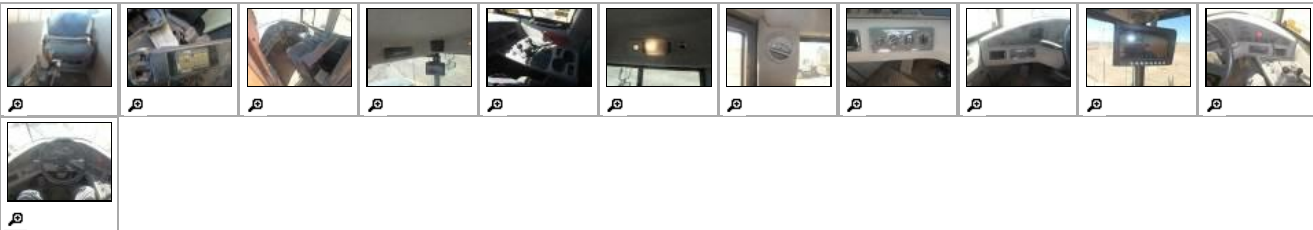
### SAFETY ITEMS

	CODE	REMARKS
Safety Decals In Place	Yes	
Safety Decals Legible	No	Tailgate warning decals are scraped and no longer legible.
Articulation Safety Bar & Pins	Good	
Horn	Good	
Parking Brake	Good	
ROPS	Yes	
Notes		Bed lock link ear on truck frame is torn. Missing pin and retainer.



### GAUGES, OPERATOR STATION, CONSOLE

	CODE	REMARKS
Dash Console	Good	
Hour Meter	Good	7507 Hours
Gauges	Good	
Switches	Good	
Wipers	Fair	Wiper blade is coming apart. Needs replaced.
Air Conditioner	Good	
Heater	Good	Has a couple of louvers that are broken.
Interior Lights	Good	
Seat Cushions / Arm Rests	Fair	Operator seat suspension is loose. Trainer seat bottom cushion is torn.
Floor Boards	Good	
EMS Panel / Warnings	Good	
Doors	Good	
Door Latches	Good	
Glass / Mirrors	Good	
Bed Control	Good	
Seat Belt	Fair	Seat belt does not retract very well and has expired date tag.
Parts Book	No	
Safety Manual	No	
O&MM	Yes	
Back-up Alarm	Yes	
ROPS Cert Plate	No	
Notes		







### ENGINE

	CODE	REMARKS
Oil Leaks	No	
Blow By	No	
Knocking	No	
Compression In Radiator	No	
Water In Oil	No	
Fluid Levels OK?	Yes	
EPA Decal	Yes	
Anti-freeze Color	Red	
Oil Pressure (H/L/W)	Normal	
Smoke (B/D/L/W)	Normal	
Operating Condition	Good	
Turbocharger / Blower	Good	
Fuel Injection System	Good	
Governor	Good	
Engine Supports	Good	
Air Cleaners	Good	
Exhaust / Muffler	Poor	Bed heater flex pipe is torn in hitch area. flange on front of truck bed is bent for bed heater piping.
Belts / Pullys	Good	
Engine Brake	NI	
Oil Filter Condition (Cut)	NI	
Notes		











### COOLING SYSTEM



	CODE	REMARKS
Radiator	Good	
Coolers	Good	
Hoses	Good	
Water Pump	Good	
Fan	Good	

Leaks	No
Notes	
   	

### ELECTRICAL, STARTING AND CHARGING SYSTEM

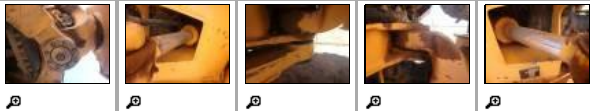
	CODE	REMARKS
Batteries / Cables	Good	
Starter	Good	
Alternator	Good	
Wiring	Good	
Pre-Heater	NI	
Lighting	Good	Right front signal light is inoperative. Beacon light is in cab has broken lens bracket behind cab for beacon missing hardware.
Ether Aid	No	
Block Heater	No	
Notes		
       		

### TRANSMISSION

	CODE	REMARKS
Transmission - Type	Volvo PowerTronic	
Case	Good	
Controls	Good	
Seals	Good	
Torque Converter	Good	
Universal Joints	Good	
Temp / Pressure Gauges	Good	
Lines / Fittings	Good	
Transmission - Forward Shifts	Good	
Transmission - Reverse Shifts	Good	
Pump	Good	
Cooler	Good	
Drive Shaft	Good	
Retarder	Not Applicable	
Oil Filter Condition	NI	
(Cut)	No	
Operating Condition	Good	
Transmission - Noisy	No	
Leaks	No	
Notes	Did not have room or any dust control on site to go through all gears. Transmission shifted fine through lower gears.	
 		

### STEERING

	CODE	REMARKS
Front Axle	Good	
Steering Linkage	Good	
Steering Gear Box	Not Applicable	
Tie Rods / Rod Ends	Not Applicable	
Steering Valves / Pumps	Good	
Steering Cylinder	Good	
Steering Tank	Good	
Pivot Pins & Bushings	Good	
Articulation Pins & Bushings	Good	
Suspension Cylinders	Not Applicable	
Notes		
Torsion Rods	Good	
Trunnions	Good	

**BRAKES**

	CODE	REMARKS
Type (Pedal / Lever)	Pedal	
Type (Wet, Dry)	Wet	
Drums / Rotors	Multi disc	
Control Valve	Good	
Pump	Good	
Lines	Good	
Master Cylinder	Not Applicable	
Compressor	Good	
Brake Linkage	Good	
Accumulators	Good	
Parking Brake	Good	
Brakes Holding In What Gear		
Notes		

**FINAL DRIVES**





















	CODE	REMARKS
Wheel Lugs & Rims	Good	
Rear Final Drives	Good	
Rear Axle	Good	
Differential	Good	
Torsion Rods	Good	
Trunnion / Wishbone	Good	
Leaks	No	
Notes		

**HYDRAULICS**

	CODE	REMARKS
Suspension Cylinders	Not Applicable	Suspension pads
Operating Condition	Good	
Tank	Good	
Lift Cylinders	Good	
Hose Lines	Good	
Pumps & Valves	Good	
Control Linkage	Good	
Filter Condition (Cut)	NI	
Leaks	No	
Notes		

**TRUCK BODY**

	CODE	REMARKS
Bed Liner	Good	
Sides & Side Boards	Good	
Ribs & Stringers	Good	
Hinge Pins & Brackets	Good	
Overhang	Not Applicable	
Bottom	Good	
Pads	Fair	Front pads need shims adjusted they do not contact bed when bed is fully lowered.
Safety Pins	Poor	Ear on rear of truck frame is torn. Bed lock link also missing second pin and keeper.
Tailgate	Fair	Tailgate missing rubber from right outer pad plate. Remaining pads are torn along with outer guide pads on outside of body.


Rock Knockers / Mud Flaps	Good									
Heated Body	Yes	See engine. Bed heater piping is torn in articulation area.								
Notes										
										
										

### TIRES

	MAKE S/N	TREAD DEPTH 1/32"	% LIFE LEFT	RECAPPED	TREAD CUT/CHUNKS	SIDE CUTS SECTIONS
Right Front	Bridgestone	27.00	50.00	No	Yes	Yes
Right Center	Bridgestone	26.00	48.15	No	Yes	Yes
Right Rear Outer	Bridgestone	21.00	38.89	No	Yes	Yes
Right Rear Inside		0.00	0.00	NA	NA	NA
Left Rear Outer	Bridgestone	23.00	42.59	No	Yes	Yes
Left Rear Inside		0.00	0.00	NA	NA	NA
Left Center	Dyna Maxx	44.00	81.48	No	Yes	No
Left Front	Bridgestone	34.00	62.95	No	Yes	Yes
Tire Size	29.5R25					
Average Life Left	54.01					
Spare	No					
Notes						
Tires Needed						

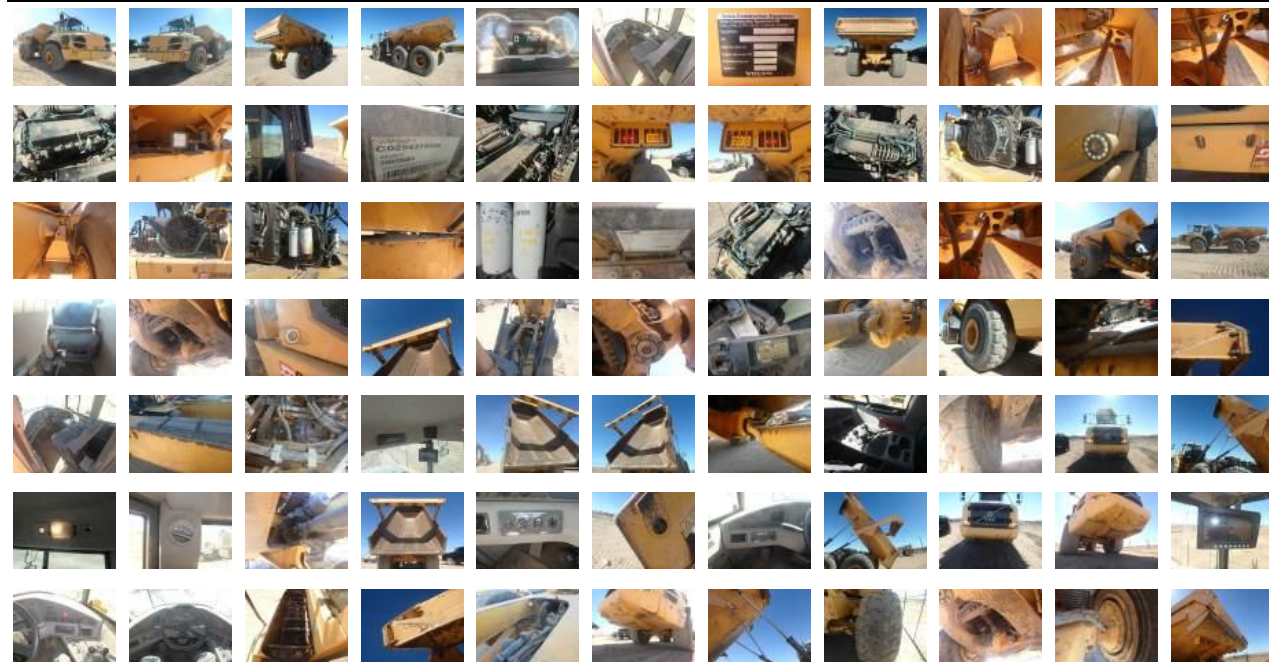


### SERVICE

	CODE	REMARKS
Service Needed	No	Last PM performed 4/2021. Truck has 17 hours on PM service.
		

### GENERAL REPAIRS AND REMARKS

Repairs Needed: Bed lock link ear torn, Flex pipe for heated bed torn, Flange for heated bed dented, Tailgate pads, Bed pad shims, Operator seat loose, Trainer seat torn, Wiper blade, Right front signal light inoperative, Tailgate has bent and missing bolts, A/C louver, Cleaning.
General comments: Truck is complete and operational.





**EMPIRE**

**CAT**

# Off Highway Trucks Inspection Report

