

Location: Boom and Bucket

**TRUCK AND EQUIPMENT CONSULTING LLC – BOOM LIFT TRUCK / BUCKET TRUCK**

Date (Y/M/D) 5/18/2023

Inspector Initials W.F.

(Basic Information)	
(Truck Year)	2008 (built 2/08)
(Truck Make / Model)	Ford F550SD XL SuperCab Dual Rear Whl
(Truck VIN)	1FDAX56R08ED57613
(Truck Mileage)	93,795.8 miles
(Engine)	PowerStroke 6.4L 325Hp V8 TurboDiesel
(Truck Transmission)	Automatic 5 Spd
(Boom lift Make+Model)	Versalift SST 40EIH-D1
(Side Reach)	27.75 Ft
(Working Height)	Working Ht =45 Ft/Platform Ht =40 Ft
(Boom lift SN #)	EH080040
(Platform Capacity)	450 lbs
(Weight of lift)	2335 lbs
(Insulated)	Yes lower boom insert

Specification and Dimensions	
GVWR	19,500 lbs
Brakes	4 Wheel Hydraulic disc brakes + 4 Wheel ABS
Front / Rear Axles	Front =7000 lbs / Rear =13,660 lbs
Body	Dakota Service Model 132-SB sn DB10683
Rear	4.88
Service Body	Left =7 locking boxes, Right =5 locking boxes
Wheelbase	162 in / Cab to Axle = 60 in
Travel Height	10.33 Ft
Tires	Continental/BFGoodrich/Roadmaster 225/70 R19.5
Stowed Travel Height	10.33 Ft
Hydraulic Relief	2250 psi
Other	Running Boards, Tow Pkge, Work Lights, Bluetooth
Other	Rear Step Platform, A/C outlets, Chrome Wheels, Dimensions Pure-Sine Power Inverter, Go Lights

- A (Near to Brand New or Excellent Condition)
- B (A little Wear and Good Condition)
- C (Fair Workable Condition for Hour Meter Reading)
- D (Workable but minor repair is required)
- E (Workable but major repair is required)

		(Check List)					(Remarks)
		A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)		X				Good appearance grille, front panels, crossmembers, fenders No damages
	(General Appearance-Rear)			X			RePaint over rust, paint peel over rust rear steps and back panel
	(General Appearance-Right )		X				Good appearance Right panels, tool boxes, frame, boom panels and gaps
	(General Appearance-Left )		X				Left panels Good appearance Good panels+gaps No damage seen
	(General Appearance-Upper )		X				Cabin, Hood, Roof, upper boom sections Good appearance No damage
	(Major / Minor Surface Rust)			X	X		Areas of RePaint over rust, Inner Storage Boxes Rust Cancer Damage
	(Body Panels / Covers – Rust Damage / Cancer)			X	X		Some body panel splits+cracks Bucket side fiberglass hole+damage
	(Visible Weld Repairs / Stress Cracks)			X	X		Some body panel splits+cracks Bucket side fiberglass hole+damage
	(Glass Condition)		X				Good Glass
	(Chassis / Undercarriage Damage)		X				Good Dry appearance of chassis, frame, underside panels No damage
TRUCK OPERATOR'S CABIN	(Operator Cabin)		X				Good appearance Solid floors Good panels Good steering wheel
	(Operator Controls and Switches)		X				Complete Good appearance Good functionality
	(Hour Meter Activity)		X				Working No error codes or service codes seen
	(Other Gauge Activity)		X				All Displays Sharp and Clear Good Response
	(Door / Canopy Latches)		X				Good function
	(Operator Seat Condition)		X				Good appearance
BUCKET CONTROLS	(Safety – Horn / First Aid Kit)		X				Yes
	(CONTROLS Controls and Switches)			X	X		Surface rust on control panel
	(CONTROLS FUNCTION)		X				Good Function and Performance
TRUCK ENGINE	(PERFORMANCE + RESPONSE)		X				All controls functioning
	(Oil Color / Fluid Appearance )		X				Good + Appearance No signs of cross contamination
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				Easy start, Smooth Idle No unusual noises or vibrations
	(Engine Exhaust Color – White / Blue / Black / Clear)		X				Clear No oil blow by at temp No smoke issues at operating temp
	(Oil Leaks )		X				No leaks No seepages seen Engine compartment dry
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				Clear at startup Clear at operating temp
	(Coolant Color / Fluid Appearance )		X				Good Appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No noises or coolant leaks No stains No seepages
	(Coolant Leaks from Radiator)		X				None
	(Overall Engine Appearance Clean / Wet / Dry)		X				Clean and Dry
HYDRAULICS	(Overall appearance of Hydraulic lines/fittings – worn/cracked)		X				Good Appearance hydraulic hoses + fittings
	(Hydraulic Pump Sounds / Noises)		X				No Unusual noises or leaks during boom lift operations
	(Wet or Damp hydraulic lines and fittings / fluid leaks)		X				Ns Stains No signs of dried leaks or seepages seen
(External Controls / Levers Condition)		X				Good Appearance	

HYDRAULICS BUCKET	(Hydraulics Service Records / Maintenance History)			X				Not Provided Recent Brake Repair and A/C Repair
	BOOM	(Oil Leak from Cylinder)		X				Clean Hydraulic Pistons No pitting No discoloration
		(Mounting Pin Condition)		X				Pins Clean No discoloration Good appearance
	SECTIONS	(Appearance)		X				All Sections Good Appearance No dents No dings No wear issues
		(Condition)		X				Good appearance No scrapes No cosmetics No wear issues seen
	ROTATION	(Rotation Function)		X				Good Rotation function
		(Articulation Function)		X				Good Articulation
		(Other Remarks)		X				Good Function + Performance
		(Other Remarks)		X				Smooth and quiet function
	Transmission TRAVEL	(Clutch Noise / Function)			X			Good transmission travel and function
(Transmission Noise / Function)			X			Good forward and reverse No noises		
(Shift Lever Condition & Function)			X			Good shifter appearance and function		
(Other Remarks)			X			Good appearance of components		
BUSHINGS + SUSPENSION APPEARANCE	LEFT SIDE BUSHINGS / ATTACHMENT POINTS - SLACK ?			X			No squeaking No noises during operations Level Stance Good appearance	
	RIGHT SIDE BUSHINGS / ATTACHMENT POINTS - SLACK ?			X			No squeaking No noises during operations Level Stance Good appearance	
	UPPER BUSHINGS / ATTACHMENT POINTS - SLACK ?			X			No squeaking No noises during operations Level Stance Good appearance	
	LOWER BUSHINGS / ATTACHMENT POINTS - SLACK ?			X			No squeaking No noises during operations Level Stance Good appearance	
	(TIRES Condition)	(Front)	Right Front *(A)to(E)		X			Tires = B Good 85%
			Left Front *(A)to(E)		X			Tires = B Good 85%
		(Rear X 2)	Right Rear X 2		X			Tires = B Good 85%
Left Rear X 2				X			Tires = B Good 85%	
(Other Remarks)			X			All Tires Good appearance No sidewall splits No damage		
BRAKES	(Foot Brake)			X			Good brake function	
	(Noises ?)			X			No unusual noises	
	(Parking Brake)			X			Working	
CHASSIS	Front Axle			X			Clean and dry appearance	
	Rear Axle			X			Clean and dry appearance	
	Tandem Axle			X			Clean and dry appearance	
BUCKET OPERATION	FORWARD & REVERSE			X			Good forward and reverse Full Boom extension	
	SWING TABLE ROTATION			X			Good swing table 360 rotation both directions	
	BOOM LIFT / ANGLE / TILT			X			Good Lift /Retraction / Swivel function	
	OVERALL FUNCTIONALITY			X			Good Bucket Controls and Good Auxillary Outside Truck Control function	
	UNUSUAL NOISES ?			X			None	
TRUCK OPERATION	DRIVING PERFORMANCE			X			Good Truck Performance + Function	
	TRANSMISSION F+R			X			Good	
	STEERING			X			Good Steering response No noises	
	OVERALL FUNCTIONALITY			X			Good	
RATINGS	OVERALL VISUAL INSPECTION				X	X	Areas of RePaint over rust, Inner Storage Boxes Rust Cancer Damage	
	COMMENTS				X	X	Bucket Control Panel has rust corrosion, Bucket fiberglass damage+hole	
	OVERALL PERFORMANCE INSPECTION			X			Good extension, retraction, rotation, Good hydraulics and performance	
	COMMENTS				X		Limited Travel Space Very Limited steering, brakes and engine evaluation	

OVERALL EXTERIOR RATING:  C       QUALITY:  C/C-   
OVERALL INTERIOR RATING:  B       SAFETY:  C/G-   
OVERALL PERFORMANCE:  C/C+       FUNCTIONALITY:  C/C+   
**OVERALL EVALUATION GRADE: C**  
FLUID SAMPLE REQUEST (Y/N)  n  OIL  n  COOLANT  n

**Transport Dimensions (reference only)**  
Travel Height =10.33 Ft

\*A:Remaining Ratio      90% or more  
\*B:Remaining Ratio      70% or more  
\*C:Remaining Ratio      50% or more  
\*D:Remaining Ratio      20% or more  
\*E:Remaining Ratio      20% or less