

Location: Boom and Bucket

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

Date (Y/M/D) 5/30/2023

Inspector Initials H.W.

(Basic Information)	
(Truck Year)	2008 (built 3/08)
(Truck Make / Model)	Ford F550SD 2WD Dual Rear Whl
(Truck VIN)	1FDAF56R48ED87040
(Truck Mileage)	230,776 miles
(Engine)	PowerStroke 6.4L 325Hp V8 TurboDiesel
(Truck Transmission)	Automatic 5 Spd
(Boom lift Make+Model)	Altec AT237
(Side Reach)	28.3 Ft max
(Platform Height/Working Height)	37.5 Ft =Platform /42.5 Ft =Working
(Boom lift SN #)	0508EN0138
(Platform Capacity)	400 lbs
(Weight of lift)	2160 lbs
(Insulated)	Non insulated

Specification and Dimensions	
GVWR	17,950 lbs
Brakes	Hydraulic + 4 Wheel ABS
Front / Rear Axles	Front =7000 lbs / Rear =13,660 lbs
DMV/Crane Inspection	CA 2023 / FMCSA 2023
Rear	4.88
Service Body	Weatherguard Utility body 10 storage 5 left+5 right
Wheelbase	162 in / Cab to Axle = 60 in
Travel Height	10 Ft
Tires	Toyo 225/70 R19.5
Stowed Travel Height	10 Ft
Fuel Cap	40 gal
Hydraulic Relief	2400 psi
Other	Dimensions PureSine Power Inverter,Rear platform Tow Hitch 7000 lb capacity, Safety light beacon.

- 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	X		Average appearance Front bumper dented, Hood dented Good grille+paint
	(General Appearance-Rear)		X				Good appearance rear platform No damage Some surface cosmetics
	(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	X			Roof, upper boom sections Good appearance No damage Hood dented
	(Major / Minor Surface Rust)		X				No rust damage Some small areas of surface rust cosmetic only
	(Body Panels / Covers – Rust Damage / Cancer)		X	X			Front bumper dented, hood dented Good panel gaps No rust damage
	(Visible Weld Repairs / Stress Cracks)		X				No weld repairs seen
	(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	X			Steering wheel tape repaired, pass side floor cover torn+damaged
	(Operator Controls and Switches)		X				Complete Good appearance Good functionality
	(Hour Meter Activity)		X				Odometer working
	(Other Gauge Activity)			X			All Displays Sharp and Clear Check Engine Light indicator lit
	(Door / Canopy Latches)		X				Good function
BUCKET CONTROLS	(Operator Seat Condition)			X			Seat bottom covered in tape repair
	(Safety – Horn / First Aid Kit)		X				Yes
	(CONTROLS Controls and Switches)		X				Good appearance and function
TRUCK ENGINE	(CONTROLS FUNCTION)		X				Good Function and Performance
	(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
HYDRAULICS	(Overall Engine Appearance Clean / Wet / Dry)		X				Clean and Dry
	(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% Hubs dry =B
			Left Front *(A)to(E)	X				Tires = B Good 85% Hubs dry =B
		(Rear X 2)	Right Rear X 2	X				Tires = B Good 85% Hubs dry =B
Left Rear X 2			X				Tires = B Good 85% Hubs dry =B	
(Other Remarks)		X				All Tires Good appearance Hubs Good appearance Dry No rust		
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			Front bumper dented,hood dented Check Engine lit Clean+Dry appearance	
	COMMENTS			X			Steering wheel+seats tape repaired, pass side floor cover torn+damaged	
	OVERALL PERFORMANCE INSPECTION		X				Good extension, retraction, rotation, Good hydraulics and performance	
	COMMENTS		X				Current DMV inspection+FMCSA Crane Inspection Good travel function	

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

Transport Dimensions (reference only)
Travel Height =10 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