

Location: Boom and Bucket

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

Date (Y/M/D) 3/9/2023

Inspector Initials M.A.

(Basic Information)	
(Truck Year)	2017
(Truck Make / Model)	Ford F550SD XL Reg Cab Dual Rear Whl
(Truck VIN)	1FDFU5GT2HED60944
(Truck Mileage/Truck Hours/Lift Hours)	12,489 Miles
(Engine)	PowerStroke 6.7L 330Hp V8 TurboDiesel
(Truck Transmission)	Automatic 6 Spd w/OD
(Boom lift Make+Model)	Altec AT40-G
(Basket)	1 person
(Working Height)	40.8 Ft
(Boom lift SN #)	1017EY2888
(Platform Capacity)	400 lbs
(Boom lift weight)	2543 lbs
(Rotation type)	Continuous Rotation

Specification and Dimensions	
GVWR	GVWR = 18,000 lbs / Class 5
Brakes	4 Wheel Hydraulic disc brakes + 4 Wheel ABS
Front Axles	7,000 lbs
Rear Axles	13,660 lbs
Rear	4.88
PTO	Yes Dash Mount
Wheelbase	145 in / 60 in Cab to Axle
Max Side Reach	29 Ft 7 in
Tires	Continental 225/70 R19.5
Stowed Travel Height	10 Ft 3 in
Hydraulic Relief	2400 psi
DMV	Current NJ DOT XMM-T86
Other	Transmission Cooler, Cab Clearance Lights Rear View Camera, Safety Beacon, LED Lights 6 locking storage cubbys, Rear Step platform

- 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				Good appearance rear bumper, fenders, deck, crossmembers No damage
	(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				No rust seen No rust issues
	(Body Panels / Covers – Rust Damage / Cancer)		X				No panel damage No rust or cancer
	(Visible Weld Repairs / Stress Cracks)		X				No stress cracks No patches or welds 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					Good appearance Solid floors Good panels Some duct tape on dash
	(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					Complete Good appearance
	(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 CRANE	(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	
CRANE 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			Straight, Clean, dry appearance Good appearance chassis, crossmembers,	
	COMMENTS		X			Engine, Hydraulics, Bucket Controls + Side Controls Good condition	
	OVERALL PERFORMANCE INSPECTION		X			Smooth and Quiet hydraulic performance Good steering, brakes, shifting	
	COMMENTS		X			All Travel, hydraulics, controls, crane mechanical systems good function	

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

Transport Dimensions (reference only)

Length = 273 in
Width = 80 in
Height = 9 Ft 6 in Stowed travel ht

*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