

Location: Boom and Bucket

**TRUCK AND EQUIPMENT CONSULTING LLC – ARTICULATING BOOM LIFT (STANDARD)**

Date  
(Y/M/D)

4/18/2023

INSPECTOR  
INITIALS

A.B.

(Basic Information)	
(Manufacturer)	Genie
(Model Number)	Z45-25
(Serial Number)	15460
(Year of Manufacturing)	2000 (built 5/2000)
(Hour Meter Reading)	2321.9 Hrs
(Engine)	Ford DSG 473 I4 75Hp LP/Gas
(Drive)	2WD
(Lift Capacity)	2 occupants / Max weight =500 lbs
(Hydraulic Capacity)	24 gal Hydraulic tank
(Wheelbase)	6 Ft 8 in

- 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)

Specification and Dimensions	
Serial Plate/Frame Inscription	15460
Transmission	2 Spd Traction Drive
Max Platform Height/Max Working Ht	45 Ft in / 51 Ft 11 in
Max Reach	25 Ft
Hydraulic Relief	3500 psi
Tires	Wearmaster 9-14.5 355/55 D625
Platform Rotation/Max Grade	180 degree / 30 % max grade
Fuel Capacity	17 gal
Outriggers / Axle Extension	N/A
Platform	2 Ft 6 in x 6 Ft
Weight	17,100 lbs
Other	Platform Aux 12V Power, Extendable axles

	(Check List)	A	B	C	D	E	(Remarks)
GENERAL APPEARANCE	(General Appearance-Front)			X			Older repaint with paint peel, some repaint over rust No damage seen
	(General Appearance-Rear)			X			Older repaint with overspray on hoses, some repaint over rust
	(General Appearance-Right )			X			Older repaint with paint peel, some repaint over rust No damage seen
	(General Appearance-Left )			X			Older repaint with paint peel, some repaint over rust No damage seen
	(General Appearance-Upper )			X			Older repaint with paint peel, some repaint over rust No damage seen
	(Major / Minor Surface Rust)			X			Areas of surface rust, some rust pre-cancer RePaint over rust
	(Body Panels / Covers - Damage / Cancer)		X	X			No body damage No cancer but some precancer Good panels and gaps
	(Visible Weld Repairs / Stress Cracks)		X				No weld repairs or stress cracks seen
	(Platform)			X			Some rust seen on platform including floor corners
	(Chassis / Undercarriage Damage)		X				No
OPERATOR'S STATION	(Operator Station Appearance)		X				Average appearance No damage Some wear+tear controls + console
	(Operator Controls and Switches)		X				Complete Good Function Some cosmetic wear + tear
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				Working
	(Safety Guard Rails)		X	X			Above Average appearance
	(Safety - Horn / Warning System)		X				Working
	(Platform Floor)			X			Older repaint with rust seen on corners and floor edges
	(Rust Damage / Cancer)		X	X			No damage Somer rust precancer Older repaint over some areas of rust
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Good Appearance No signs of cross contamination No foul odors at temp
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				Easy start, Smooth Idle No unusual noises
	(Engine Exhaust Color - White / Blue / Black / Clear)		X				Clear at startup and when Clear at temp
	(Oil Leaks )		X				None seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issue Clear
	(Coolant Color / Fluid Appearance )		X				Good appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No leaks seen Radiator and cooling system Good appearance No noises
	(Coolant Leaks from Radiator)		X				None seen
	(Overall Engine Appearance Clean / Wet / Dry)		X	X			1 cover flap damaged OverallClean and Dry
	(Overall appearance of Hydraulic lines/fittings - worn/cracked)		X	X			Some repaint overspray on hoses Overall hoses appear average
HYDRAULIC PUMPS	(Hydraulic Pump Sounds / Noises)		X				No noises or vibrations during operations
	Wet or Damp hydraulic lines and fittings / fluid leaks)					X	Plastic Cup Zip Tied to hydraulic ram+cylinder to catch active hyd leak
	(External Controls / Levers Condition)		X				Controls Good Function
	(Hydraulics Service Records / Maintenance History)		X				not marked or labeled
SWING TABLE	Swivel Bearing Condition		X				Good
	Swivel Motor Condition		X				Good Performance
	Swivel Joint Condition		X				Good Appearance
	(Other Remarks)		X				Good Lift and Tilt Function

TRANSMISSION	(Clutch Noise / Function)		X				Easy shift No unusual noises
	(Transmission Noise / Function)		X				Good Forward and Reverse function
	(Shift Lever Condition & Function)		X				Good Shifter Response
	( Other Remarks)		X				Good transmission function
HYDRAULICS CYLINDERS	BOOM	(Oil Leak from Cylinder)	X				No leaks or seepage seen
		(Mounting Pin Condition)	X				Good Appearance
	SWING TABLE	(Oil Leak from Cylinder)	X				No leaks or seepage seen
		(Mounting Pin Condition)	X				Good Appearance
	AUX	(Oil Leak from Cylinder)	X				No leaks or seepage seen
		(Mounting Pin Condition)	X				Good Appearance
	(Other Remarks)				X	Plastic Cup Zip Tied to hydraulic ram+cylinder to catch active hyd leak	
	(Transom / Boom / Arm Function / Noise )		X				No unusual noises or vibrations
TIRES & WHEEL ASSEMBLIES	(Level Stance / Soft Bushings)		X				C= Tires have sidewall wear+tear, cracks+chips Hubs Some rust
	LEFT FRONT - Tire / Hub Condition		X	X			C= Tires have sidewall wear+tear, cracks+chips Hubs Some rust
	RIGHT FRONT - Tire / Hub Condition		X	X			C= Tires have sidewall wear+tear, cracks+chips Hubs Some rust
	LEFT REAR - Tire / Hub Condition		X	X			C= Tires have sidewall wear+tear, cracks+chips Hubs Some rust
	RIGHT REAR - Tire / Hub Condition		X	X			C= Tires have sidewall wear+tear, cracks+chips Hubs Some rust
	(TREAD)		X				Tire tread Good, Sidewalls wear+tear some splits + chips
B R A K E S	(Foot Brake)		X				Good brake function
	(Inching Brake)		X				Good
	(Parking Brake)		X				Good
BOOM+JIB CONDITION	Upper Section		X				Good Upper boom appearance No dents, no damage seen
	Bottom Section		X				Good Bottom boom appearance No dents, no damage seen
	Center Section		X				Good Center boom appearance No dents, no damage seen
	Other Comments		X				
OPERATION	FORWARD & REVERSE		X				Good Forward and Reverse, Extension and Retraction
	SWING TABLE ROTATION		X				Good Rotation Function
	BOOM LIFT / ANGLE / TILT		X				Good Boom Reach Function
	OVERALL FUNCTIONALITY		X				Good
RATINGS	OVERALL VISUAL INSPECTION			X	X		Older repaint overspray on hoses, hydraulic pistons and over rust Some
	COMMENTS			X	X		paint peel over rust, Active leak with cup zip tied to hyd piston catch fluid
	OVERALL PERFORMANCE INSPECTION		X				Good performance and functionality
	COMMENTS		X				Good Engine, Transmission + hydraulic performance

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

**DIMENSIONS: (shipping reference)**

Length: 18 Ft 3 in  
 Width: 7 Ft 6 in  
 Height: 6 Ft 7 in  
 Weight: 17,100 lbs

\*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