

Location: Sunstate Equipment
Yucaipa, CA

TRUCK AND EQUIPMENT CONSULTING LLC – BOOM LIFT (STANDARD)

Date
 (Y/M/D) 7/13/2022

INSPECTOR
 INITIALS D.K.

(Basic Information)	
(Manufacturer)	Terex
(Model Number)	Genie S-40
(Serial Number)	S4013-18078
(Year of Manufacturing)	2013
(Hour Meter Reading)	3540.7 HRS
(Engine)	TIER IV Deutz D2011L03i I3 48Hp Diesel Engine
(Transmission)	2 Spd
(Max Lift Capacity)	500 lbs / 2 occupants
(Hydraulic Relief)	3625 psi (drive system)
(Origin)	USA

Specification and Dimensions	
Serial Plate/Frame Inscription	S4013-18078
Platform	Tri Entry 8 Ft platform
Max Platform Height / Working Height	Max Platform Height =40 Ft/ Max Height =46 Ft
Drive	4WD
Max Horizontal Reach	31 Ft 8 in
Tires	Blackstone Rough Terrain Foam Filled Tires 12 – 16.5
Turntable Rotation/Gradability	360 degree / 40 degree
Hydraulic Capacities	Hydraulic Tank =45 gal / Hydraulic System =55 gal
Weight	11,833 lbs
Wheelbase	7 Ft 3 in
Other	Active Oscillation axle positioning Safety beacon, Travel alarm

- 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)	A	B	C	D	E	(Remarks)
GENERAL APPEARANCE	(General Appearance-Front)		X	X			Some surface rust, surface cosmetics and paint peel No damage
	(General Appearance-Rear)		X	X			Corner wear+tear, surface scrapes back panels paint peel+cosmetics
	(General Appearance-Right)		X				Good appearance of side panels, good panel gaps No damages
	(General Appearance-Left)		X				Good appearance of side panels, good panel gaps No damages
	(General Appearance-Upper)		X				Upper panels and panel surfaces Good Appearance No Damage Seen
	(Major / Minor Surface Rust)		X	X			Some surface rust where paint loss
	(Body Panels / Covers – Rust Damage / Cancer)		X	X			Rear panels some wear+tear Surface cosmetics No rust cancer
	(Visible Weld Repairs / Stress Cracks)		X				None seen
	(Platform Condition)		X	X			Good platform floor, Some surface rust on safety rails No damage
	(Chassis / Undercarriage Damage)		X				No chassis or frame damage seen
PLATFORM	(Platform Safety Rails)		X	X			Good appearance of safety rails Some paint peel+surface rust No damage
	(Operator Controls and Switches)		X	X			Some surface wear cosmetics Working + Good Condition
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				Working
	(Platform Floor)		X				No damage platform floor some surface paint cosmetics
	(Safety – Horn / Shut off)		X				Working
	(Platform Controls)		X				Working
	(Platform Appearance Safety)		X				Good condition
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				Some small puffs of black at startup and under throttle Clear at temp
	(Oil Leaks)		X				None seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues
	(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				Clean and Dry
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings – worn/cracked)		X				Hydraulics Good Appearance and Function
	(Hydraulic Pump Sounds / Noises)		X				No noises or vibrations during operations
	(Wet or Damp hydraulic lines and fittings / fluid leaks)		X				No leaks seen
	(External Controls / Levers Condition)		X				Good appearance
	(Hydraulic s Service Records / Maintenance History)		X				Next service due 3770 Hrs

ELECTRICAL	(Lighting System Condition)							N/A
	(Travel Alarm / Backup Signal)		X					Working
	(Battery Condition)		X					Batteries clean + dry Good appearance
	(Other Electric Device Condition)		X					Good appearance wires+relays No damage
SWING TABLE	Swivel Bearing Condition		X					No damage or unusual noises from swing bearings
	Swivel Motor Condition		X					Good function
	Swivel Joint Condition		X					Good Appearance
	(Other Remarks)		X	X				Some surface discoloration seen on circle gear
TRANSMISSION	(Clutch Noise / Function)		X					No unusual noises No vibrations
	(Transmission Noise / Function)		X					Good Forward and Reverse function
	(Shift Lever Condition & Function)		X					Good Shifter Response
	(Other Remarks)		X					Good travel and transmission function
HYDRAULICS CYLINDERS	BOOM	(Oil Leak from Cylinder)	X					Clean appearance No pitting No discoloration No leaks or seepage seen
		(Mounting Pin Condition)	X					Good Appearance
	STICK	(Oil Leak from Cylinder)	X					Clean appearance No pitting No discoloration No leaks or seepage seen
		(Mounting Pin Condition)	X					Good Appearance
	PLATFORM	(Oil Leak from Cylinder)	X					Clean appearance No pitting No discoloration No leaks or seepage seen
		(Mounting Pin Condition)	X					Good appearance
(Other Remarks)		X					Hydraulics Good Appearance and Function	
(Transom / Boom / Arm Function / Noise)		X					No unusual noises No vibrations	
TIRES & WHEEL ASSEMBLIES	(AXLE + HUB APPEARANCE)		X					Dry appearance No dried seepages seen
	LEFT FRONT - Tire / Hub Condition		X					Tires =B/B- Good appearance of tires, sidewalls, and hubs
	RIGHT FRONT - Tire / Hub Condition		X					Tires =B/B- Good appearance of tires, sidewalls, and hubs
	LEFT REAR - Tire / Hub Condition			X				Tires =B-/C+ Some chips+sidewall wear
	RIGHT REAR - Tire / Hub Condition			X				Tires =B-/C+ Some chips+sidewall wear
	(OUTRIGGERS)							N/A
B R A K E S	(Foot Brake)		X					Good brake function
	(Inching Brake)		X					Good
	(Parking Brake)		X					Good
FRAME APPEARANCE	Front		X					Good Front chassis and frame appearance No dents, no damage seen
	Rear		X					Good Rear chassis and frame appearance No dents, no damage seen
	Center		X					Good Center chassis and frame appearance No dents, no damage seen
	Other Comments		X					Good chassis and frame appearance
OPERATION	FORWARD & REVERSE		X					Good Forward + Reverse, good full extension
	SWING TABLE ROTATION		X					Good 360 rotation
	BOOM LIFT / ANGLE / TILT		X					Good Angle and Tilt Function of platform
	OVERALL FUNCTIONALITY		X					Good function all systems
RATINGS	OVERALL VISUAL INSPECTION		X	X				Some cosmetics+surface rust platform+rear panels Rear tires wear+tear
	COMMENTS		X					Good appearance of hydraulics, clean pistons dry machine no seepages
	OVERALL PERFORMANCE INSPECTION		X					Good forward+reverse travel. Good full extension, platform rotation+angle
	COMMENTS		X					Good function of hydraulics+engine, No damage surface rust+ cosmetics

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

DIMENSIONS: (Transport ref only)

Length: 24 Ft 3 in
Width: 7 Ft 6 in
Height: 8 Ft 2 in
Weight: 11,833 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