

Location: LACSD
Whittier CA

TRUCK AND EQUIPMENT CONSULTING LLC – SKID STEER CHECKLIST (REQUIRED)

Date 6/28/2022
 (Y/M/D)
 Inspector R.F.
 Initials

(Basic Information)	
(Manufacturer)	Bobcat
(Model Number)	S220
(Serial Number)	530712024
(Year of Manufacturing)	2007
(Hour Meter Reading)	3080.9 Hrs
(Transmission/Drive)	Hydrostatic 2 Spd Hi + Low
(Engine Model)	Kubota V3300DIT 14 75Hp 3.3L TurboD
(Hydraulic System Capacity)	13 gal
(Hydraulic Relief)	3300 psi
(Drive)	4WD

Specification and Dimensions	
Serial Plate/Frame Inscription	530712024
Cabin+Canopy (Circle)	Cabin (Roof + Rear Glass)
EPA Certificate / Permits Posted	EROPS / EFOPS
Bucket	7 Shank Deflector Bucket
Tires	SOLID 33 x 15.5-16.5
Fluid Capacities	Eng Oil=14 qts/Coolant =4.5 qts/Hyd Tank=4.7 gal
Load Capacity	Load Rating =2200lbs / Tipp Load =4400 lbs
Vertical Lift	Lift Height =22.4 in / Reach =21.7 in
Operating Weight	7589 lbs
Other	Aux Hydraulics, Side Window Guards/Grilles

- 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			No Front Glass Panel, Surface paint scrapes+scratches Cosmetic only
	(General Appearance-Rear)		X	X			Rear panel surface cosmetics, scrapes+scratches Cosmetic only
	(General Appearance-Right)		X	X			Rear side panels scrapes+scratches,paint touch up cosmetics No damage
	(General Appearance-Left)		X	X			Rear side panels scrapes+scratches,paint touch up cosmetics No damage
	(General Appearance-Upper)		X	X			Cab roof glass, upper surface panels Good appearance No damage
	(Major / Minor Surface Rust)		X				No rust or rust issues seen
	(Body Panel Rust Damage / Cancer)		X				No rust damage No rust cancer Some surface panel cosmetics+scrapes
	(Visible Weld Repairs / Stress Cracks)		X				None seen
	(Glass / Polycarbonate ? Condition ?)			X			Front+Side Glass removed, Roof + rear glass No damage
	(Chassis / Undercarriage Damage)		X				Chassis and Frame Good appearance No rust No damage Dry appearance
OPERATOR'S COCKPIT	(Operator Cabin)		X	X			Solid Floors Some wear+tear Headliner loose and part missing in back
	(Operator Controls and Switches)		X				Operator controls Complete and working
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				Working
	(Door / Canopy Latches)		X				Engine cover panel+latches working
	(Safety - Horn / First Aid Kit)		X				working
	(Operator Seat Condition)		X				Seat Good Condition
	(Safety - Seat Belts / Fire Extinguisher)		X				yes Good appearance
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Good appearance No blow by seen
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				Easy start Smooth Idle No unusual noise at startup or shut down
	(Engine Exhaust Color - White / Blue / Black / Clear)		X				Clear Clear at operating temp
	(Oil Leaks)		X				No active oil leaks seen from engine
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues at start up or when hot
	(Coolant Color / Fluid Appearance)		X				Normal appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No noises from cooling system
	(Coolant Leaks from Radiator)		X				No radiator leaks seen Good appearance of fins
	(Overall Engine Appearance Clean / Wet / Dry)		X				Clean and Dry appearance
(Other)							
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings - worn/cracked)		X	X			Above average Some discoloration and dried seepages seen
	(Hydraulic Pump Sounds / Noises)		X				Smooth No unusual pump noises or vibrations
	Wet or Damp hydraulic lines and fittings / fluid leaks)		X	X			No active leaks seen Some areas of dried seepages incl top of cylinders
	(External Controls / Levers Condition)		X				Working
	(Hydraulics Service Records / Maintenance History)						not marked or labeled

ELECTRICAL	(Lighting System Condition)		X				Working	
	(Reverse Alarm / Backup Signal)		X				Working	
	(Battery Condition)		X				Battery looks like new	
	(Other Electric Device Condition)							
B R A K E S	(Foot Brake)		X				Good function No squeaks No unusual noises	
	(Inching Brake Functional & Working Condition)		X				Good function	
	(Parking Brake)		X				Good function	
	(Other Remarks)							
TRANSMISSION	(Clutch Noise / Function)		X				Smooth Shifting No unusual noises	
	(Transmission Noise / Function)		X				Good Forward and Reverse Function	
	(Shift Lever Condition & Function)		X				Shifter Good Appearance	
	(Other Remarks)							
HYDRAULICS CYLINDERS	(Lift)	(Oil Leak from Cylinder)	X				No active leaks seen	
		(Mounting Pin Condition)	X				Above Average appearance Signs of some discoloration	
	(Bucket)	(Oil Leak from Cylinder)	X				No active leaks seen	
		(Mounting Pin Condition)	X				Above Average appearance Some wear	
	(Steering)	(Oil Leak from Cylinder)	X				No active leaks seen	
		(Mounting Pin Condition)	X	X			Above Average appearance Some wear	
(Other Remarks)		X	X			Oveall Above Aveage hydraulics appearance		
C H A S S I S & COMPONENT	(Transom / Boom / Arm Function / Noise)		X				Quiet Lift + Drop No unusual noises Smooth function	
	(Slack in Pins / Loose Pins / Soft Bushings)		X				No vibration or noise	
	(Level stance and alignment)		X				Level Stance	
	(Front Axle Appearance)		X				No damage seen	
	(Rear Axle Appearance)		X				No damage seen	
	(Frame Overall Appearance)		X				No damage seen	
	Tires+Rims Condition	(Front)	Right Front Appearance	X				Solid Tires Good appearance No sidewall damage =B/B- /Rims Good =B
			Left Front Appearance	X				Solid Tires Good appearance No sidewall damage =B/B- /Rims Good =B
		(Rear)	Right Rear Appearance	X				Solid Tires Good appearance No sidewall damage =B/B- /Rims Good =B
			Left Rear Appearance	X				Solid Tires Good appearance No sidewall damage =B/B- /Rims Good =B
(Tread Overall Condition)		X				B/B- Tire Tread Surface Good/Above Avg Rims+Hubs Good appearance		
Attachment	(Overall Appearance)		X				Bucket + Deflectors Good appearance No damage	
	(Bucket Edge)		X				Good appearance of shanks + edges No damage	
	(Bucket Articulation)		X				Good articulation of hydraulics	
	(Bucket Performance Vibrations ? Noises ?)		X				No unusual noises Above Average Performance	

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

TRANSPORT DIMENSIONS:

Length: *A:Remaining Ratio 90% or more
Width: *B:Remaining Ratio 70% or more
Height: *C:Remaining Ratio 50% or more
Weight: *D:Remaining Ratio 20% or more
 *E:Remaining Ratio 20% or less