

Location: Boom and Bucket

TRUCK AND EQUIPMENT CONSULTING LLC – EXCAVATOR CHECKLIST (STANDARD)

Date (Y/M/D) 2/3/2023

Inspector Initials L.W.

(Basic Information)	
(Manufacturer)	Sany
(Model Number)	SY60C
(Serial Number)	SY006ABKB1178
(Year of Manufacturing/Origin)	2020
(Hour Meter Reading)	347.4 HRS
(Transmission)	Hydrostatic Hi + Low w/3 work modes
(Engine Model)	TIER IV Yanmar 4TNV98C-WSY 14 3.3L 57Hp Diesel
(Backfill Blade)	Height =13 in
(Hydraulic Relief)	3553 psi / 2770 psi swing circuit

- 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	SY006ABKB1178
Cabin/Canopy (Circle)	Enclosed Cabin with Heat + A/C (working)
Capacities	Hyd Tank=22.5 gal/Eng Oil=2.5 gal/Coolant=1.5 gal
Boom / Stick	9 Ft 10 in / 5 Ft 7 in
Track/Carrier Rollers	Track Rollers =5 / Carrier Rollers =1 (per side)
Track Width	Rubber 16 in
Track Length/Track Gauge	Track length =8 Ft 4 in / Track gauge =5 Ft 3 in
Bucket Capacity	3.5 – 9.9 yd3
Dig Depth	13 Ft
Operational Weight	13,448 lbs
Other	A/C + Heat, Backfill blade

(Check List)		A	B	C	D	E	(Remarks)
GENERAL APPEARANCE	(General Appearance-Front)		X				Very Good appearance boom, pins ,blade Clean and Dy No wear issues
	(General Appearance-Rear)		X				Very Good appearance of counterweight, rear panels + components
	(General Appearance-Right)		X				Very Good panel fitment+good panel gaps Good appearance No damage
	(General Appearance-Left)		X				Very Good panel fitment+good panel gaps Good appearance No damage
	(General Appearance-Upper)		X				Very Good cabin structure and roof Good upper panels
	(Major / Minor Surface Rust)		X				No rust seen
	(Body Panels / Covers – Rust Damage / Cancer)		X				No body panel damage No rust damage No cancer
	(Visible Weld Repairs / Stress Cracks)		X				None seen
	(Glass Condition)		X				Good Glass appearance No damage
	(Chassis / Undercarriage Damage)		X				Chassis + underside panels Dry Good appearance No damage seen
OPERATOR'S COCKPIT	(Operator Cabin)		X				Solid Floors, Good panels, No wear+tear issues Very Good Condition
	(Operator Controls and Switches)		X				Good appearance and function No Error Codes No Service Lights
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				Good display No Error Codes No Service Codes
	(Door / Canopy Latches)		X				Engine cover panel+latches Good function
	(Safety – Horn / First Aid Kit)		X				Working
	(Operator Seat Condition)		X				Good seat condition
	(Safety – Seat Belts / Fire Extinguisher)		X				Yes
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Good Oil appearance No smells or indicators of cross contamination
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				Easy and quick start up
	(Engine Exhaust Color – White / Blue / Black / Clear)		X				Clear and Clear at operating temp
	(Oil Leaks)		X				No oil leaks seen No dried seepages or dampness
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues
	(Coolant Color / Fluid Appearance)		X				Good coolant appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No cooling system noises or leaks
	(Coolant Leaks from Radiator)		X				Radiator looks good No leaks Some pitting on upper parts and lines
	(Overall Engine Appearance Clean / Wet / Dry)		X				Some dried mud Overall Dry No rust No damage
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings – worn/cracked)		X				Good appearance of hydraulic cylinders, No pitting No discoloration
	(Hydraulic Pump Sounds / Noises)		X				No pump noises
	(Wet or Damp hydraulic lines and fittings / fluid leaks)		X				Clean and Dry No dried seepages seen
	(External Controls / Levers Condition)		X				Good appearance and function
	(Hydraulics Service Records / Maintenance History)						

ELECTRICAL	(Lighting System Condition)		X				Lights working	
	(Reverse Alarm / Backup Signal)						N/A	
	(Battery Condition)		X				Good appearance	
	(Other Electric Device Condition)		X				Electrics Good function	
SWING TABLE	Swivel Bearing Condition		X				Smooth and Quiet 360 Rotation both directions	
	Swivel Motor Condition		X				Quiet Good performance	
	Swivel Joint Condition		X				Good appearance	
	(Other Remarks)		X				Swing table bolts solid Good appearance	
TRANSMISSION	(Clutch Noise / Function)		X				No travel vibrations or noise	
	(Transmission Noise / Function)		X				Good forward and reverse function	
	(Shift Lever Condition & Function)		X				Good shifter response	
	(Other Remarks)		X				Good transmission function forward and reverse	
HYDRAULICS CYLINDERS	BOOM	(Oil Leak from Cylinder)	X				Clean No discoloration No seepages seen	
		(Mounting Pin Condition)	X				Good pin appearance	
	STICK	(Oil Leak from Cylinder)	X				Clean No discoloration No seepages seen	
		(Mounting Pin Condition)	X				Good appearance	
	BUCKET	(Oil Leak from Cylinder)	X				Clean No discoloration No seepages seen	
		(Mounting Pin Condition)	X				Good appearance	
BLADE	(Other Remarks)		X			Good appearance		
CRAWLER & WHEEL ASSEMBLIES	(Transom / Boom / Arm Function / Noise)		X				Good functionality	
	(Slack in Pins / Loose Pins / Soft Bushings)		X				Good appearance - No excess slack or wiggle	
	LEFT SIDE Link Bush / Drive Sprocket / Shoe Condition		X				B =Good Appearance No wear issues Good surfaces	
	RIGHT SIDE Link Bush / Drive Sprocket / Shoe Condition		X				B =Good Appearance No wear issues Good sprocket teeth+surfaces	
	LEFT SIDE Upper & Lower Roller / Front Idler Condition		X				B =Good Appearance No wear issues Good surfaces	
	RIGHT SIDE Upper & Lower Roller / Front Idler Condition		X				B =Good Appearance No wear issues Good surfaces	
	(Track Condition)	(Front)	Right Front *(A)to(E)	X				B= Some minor surface wear
			Left Front *(A)to(E)	X				B= Some minor surface wear
		(Rear)	Right Rear	X				B= Some minor surface wear
			Left Rear	X				B= Some minor surface wear
(Track Condition)		X				No travel noises Good Undercarriage / Tracks Overall B		
BUCKET & BLADE	(Bucket Condition)		X				Bucket Good Appearance No dents No damage Good hydraulics	
	(Deflectors)		X				Deflectors Good appearance No damage	
	(Blade Condition)		X				Blade Good appearance No damage	
	(Blade Edge)		X				Good Blade edge No chips No damage	
	(Bucket / Blade Hoses+Fittings)		X				Good appearance of bucket hydraulics	
	(Bucket / Blade Cylinder)		X				Good appearance bucket hydraulic pistons Surface dirt only	
	Other Comments		X				Hoses + Fittings Good appearance No fraying No dried seepages	
B R A K E S	(Foot Brake)		X				Good brake function	
	(Inching Brake)		X				Good	
	(Parking Brake)		X				Good function	
CHASSIS FRAME	Front		X				Good appearance	
	Rear		X				Good	
	Center		X				Good appearance	
	Overall		X				Good	
OPERATION	FORWARD & REVERSE		X				Good Forward and Reverse	
	SWING TABLE ROTATION		X				Good 360 rotation both directions	
	BOOM LIFT / ANGLE / TILT		X				Good Lift / Tilt / Angle	
	BLADE FUNCTIONALITY		X				Good Functionality and Performance	
RATINGS	OVERALL VISUAL INSPECTION		X				Good appearance of panel gaps, undercarriage, hydraulics, No damage	
	COMMENTS		X				Clean and Dry components No wear cosmetics or damage No Error Codes	
	OVERALL PERFORMANCE INSPECTION		X				Good Travel and Engine response Good function Hydraulic Performance	
	COMMENTS		X				No unusual noises Good Performance Good functionality	

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

Shipping Dimensions: (Transp reff only)
Length: 19 Ft 9 in
Width: 6 Ft 7 in
Height: 9 Ft 3 in
Weight: 13,448 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