

Location: Boom and Bucket

TRUCK AND EQUIPMENT CONSULTING LLC – TELESCOPIC TELEHANDLER (STANDARD)

Date
(Y/M/D) 4/19/2023

Inspector
Initials A.B.

(Basic Information)	
(Manufacturer)	Caterpillar
(Model Number)	TL1255
(Serial Number)	TBN1109
(Year of Manufacturing)	2012
(Hour Meter Reading)	9288.8 Hrs
(Engine) Tier IV	CAT C4.4 ACERT 142Hp I4 4.4 TurboD
(Transmission)	PowerShift 4 FwrD + 3 Rev
(Lift Capacity)	12,000 lbs
(Hydraulic Relief)	3650 psi
(Operational Wt)	38,125 lbs

Specification and Dimensions	
Serial Plate/Frame Inscription	TBN1109
Cabin+Canopy (Circle)	Open Cabin with Cert ROPS + FOPS
Max Height Load/Max Reach Load	5000 lbs/ 4000 lbs (w/outriggers deployed)
Fluid Capacities	Hyd Tank=63 gal/Eng Oil=11.6 qts/Coolant=8.5 qts
Max Lift Height/Max Reach	54 Ft / 42 Ft
Tires	Camso 14.00 – 24
Outriggers	Yes Hydraulic + Independent
Attachments s/n # FK602101	Forks
Wheelbase	12 Ft
Top Speed	20 mph
Other	Overhead safety beacon

- 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	X		Front panel has rust, precancer, dried seepage, wet seepage
	(General Appearance-Rear)			X	X		Heavy wear+tear cosmetics, rear panel surface
	(General Appearance-Right)			X			Scrapes and deep gash, bottom panel bent and dented
	(General Appearance-Left)		X	X			Good appearance No damage
	(General Appearance-Upper)			X	X		Areas of dried seepages, panel stains, wet seepages heavy wear+tear
	(Major / Minor Surface Rust)			X	X		Areas of surface rust, some precancer
	(Body Panels / Covers – Rust Damage / Cancer)		X	X			No panel damage No rust cancer
	(Visible Weld Repairs / Stress Cracks)		X				No Weld Repairs or patch repairs seen No cracks or splits seen
	(Chains)			X			Chains show surface rust, heavy wear+tear
	(Chassis / Undercarriage Damage)			X	X		Chassis and Frame wet and oil underside dried +wet seepages
OPERATOR'S COCKPIT	(Outriggers))		X				Outriggers Good Appearance
	(Operator Cabin)			X	X		Steering wheel cracked, damage to inner door panel trim, heav wear
	(Operator Controls and Switches)		X	X			Complete Good Functionality
	(Hour Meter Activity)		X	X			Working
	(Other Gauge Activity)		X	X			Working SERVICE ALERT INDICATOR LIT
	(Door / Canopy Latches)						N/A
	(Safety – Horn / First Aid Kit)		X				Working
	(Operator Seat Condition)		X				Seat Good condition
ENGINE	(Safety – Seat Belts / Fire Extinguisher)		X				Yes
	(Oil Color / Fluid Appearance / Particulates or Granuales)		X	X			Normal Appearance
	(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		Engine compartment wet seepages, dried seepages
	(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				No leaks No dried seepages or stains
	(Overall Engine Appearance Clean / Wet / Dry)				X		Engine wet and oily wet seepages dried seepages stains from leaks
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings – worn/cracked)			X	X		Wet Hydraulic hoses+fittings caked in wet or dried seepage
	(Hydraulic Pump Sounds / Noises)		X				No noises or vibrations during operations
	Wet or Damp hydraulic lines and fittings / fluid leaks)			X	X		Wet Hydraulic hoses+fittings caked in wet or dried seepage
	(External Controls / Levers Condition)		X				Controls Good Function
	(Hydraulics Service Records / Maintenance History)						not marked

ELECTRICAL	(Lighting System Condition)		X			Working
	(Reverse Alarm / Backup Signal)					N/A
	(Battery Condition)		X			Good Appearance
	(Other Electric Device Condition)		X			Good driver display function
SWING TABLE BOOM	Swivel Bearing Condition		X			Smooth Rotation No Grinding No Bearing Noises
	Swivel Motor Condition		X			Good Performance
	Boom Section Appearance		X			Minimal surface scratches Good appearance
	Boom Side Surface		X			Minimal surface scratches Good appearance
TRANSMISSION	(Clutch Noise / Function)		X			No noises or vibrations
	(Transmission Noise / Function)		X			Good Forward and Reverse function
	(Shift Lever Condition & Function)		X			Good Shifter Response
	(Other Remarks)		X			Good Function
HYDRAULICS CYLINDERS	BOOM	(Oil Leak from Cylinder)		X		Wet Hydraulic hoses+fittings caked in wet or dried seepage
		(Mounting Pin Condition)		X		Worn appearance Caked in dried seepage uneven gaps
	STICK	(Oil Leak from Cylinder)		X		Wet Hydraulic hoses+fittings caked in wet or dried seepage
		(Mounting Pin Condition)		X		Worn appearance Caked in dried seepage uneven gaps
	AUX	(Oil Leak from Cylinder)		X		Wet Hydraulic hoses+fittings caked in wet or dried seepage
		(Mounting Pin Condition)		X		Worn appearance Caked in dried seepage uneven gaps
	(Other Remarks)			X		SEE PHOTOS
(Transom / Boom / Arm Function / Noise)		X			No noise or vibrations	
TIRES & WHEEL ASSEMBLIES	(Level Stance / Soft Bushings)		X			Good stance No squeaking or issues
	LEFT FRONT - Tire / Hub Condition		X			B+ = Tire Good Appearance No damage Minor wear/Hubs = B Clean+Dry
	RIGHT FRONT - Tire / Hub Condition		X			B = Tires Good Appearance No damage Minor wear/Hubs = B Clean+Dry
	LEFT REAR - Tire / Hub Condition		X	X		B- = Tires Some chips / Hubs = C+ Rusty
	RIGHT REAR - Tire / Hub Condition		X	X		B- = Tires Some chips / Hubs = C+ Rusty
	(FORKS)		X			Fork tips Good appearance Minimal wear No damage seen
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	UndersideWet Areas of dried seepages and wetness
OPERATION	FORWARD & REVERSE		X			Good Forward and Reverse, Extension and Retraction
	SWING TABLE ROTATION		X			Good Rotation Function
	BOOM LIFT / ANGLE / TILT		X			Good Angle and Tilt Function
	OVERALL FUNCTIONALITY		X			Good Outrigger Function
RATINGS	OVERALL VISUAL INSPECTION			X		Wet and leaking hydraulic hoses+fittings, caked in dried seepage, some
	COMMENTS			X		rust, precancer,Heavy wear+tear,cracked steering wheel, Service needed
	OVERALL PERFORMANCE INSPECTION			X		Operational No weight hoistet No weight lifted or lowered
	COMMENTS			X		Starts, Stops, hydraulics functioning

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

DIMENSIONS:
Length: 249 inch (w/out forks)
Width: 101 inch
Height: 101 inch
Weight: 35,860 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