

Location: Boom and Bucket

**TRUCK AND EQUIPMENT CONSULTING LLC - WHEEL LOADER CHECKLIST**

Date (Y/M/D) 6/2/2023

Inspector Initials J.E.

(Basic Information)	
(Manufacturer)	Komatsu
(Model Number)	WA900L-3
(Serial Number)	KMTWA079C26052007
(Year of Manufacturing)	2005
(Hours Meter)	32,028.9 Hrs
(Engine Model)	Komatsu V12 SA12V140 30.5L 853Hp TwinTurbo
(Transmission)	PowerShift 3 Fwrd + 3 Rev
(Wheelbase)	17 Ft 11 in
(Final Drive 2WD/4WD)	4WD

Specification and Dimensions	
Serial Plate/Frame Inscription	KMTWA079C26052007
Cabin/Canopy	Cabin
EPA Certificate / Permits Posted	EROPS / EFOPS
Window Venting / Air Con	A/C + Heat
Hydraulic/Eng Oil/Coolant Capacities	Hyd Sys=191.5 g/Eng Oil=35 g/Coolant=79 g
Bucket Width/Capacity	15.8 Ft / 17 yd3
Hydraulic System Relief	Steering= 4977 psi / Implement= 4977 psi
Size of tire	Michelin/Bridgestone 45/65R-45
Operating/Tipping Weight	223,920 lbs/145,813 lbs
	Hyd Cap: Steering =81 gal / Loader =107 gal
Other	NVB Fire Suppression System Cert 1/2023

A (Near to Brand New or Excellent Condition)  
 B (A little Wear but Good Condition)  
 C (Fair Average Condition for hours and year)  
 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				Good appearance Z bar loader components No damage seen	
	(General Appearance-Rear)		X				Good rear panels appearance Small dent grille frame	
	(General Appearance-Right)		X				Good Panels Good appearance No damage seen	
	(General Appearance-Left)		X				Good Panels Good appearance	
	(General Appearance-Upper)		X				Good cabin structure+frame, solid + straight Good appearance	
	(Major / Minor Surface Rust)		X				No rust	
	(Body Panel Rust Damage / Cancer)		X				No cancer No rust damage	
	(Visible Weld Repairs / Stress Cracks)		X				No weld repairs or patch repairs seen	
	(Glass Condition)		X				Good Glass	
	(Chassis / Undercarriage Damage)		X				Chassis and Frame Good appearance No signs of damage	
OPERATOR'S COCKPIT	(Operator Cabin)	X	X				Good-Above Average Small tear headliner, armrests, tape deck	
	(Operator Controls and Switches)	X					Complete controls+switchgear, Good appearance and function	
	(Hour Meter Activity)	X					Working	
	(Other Gauge Activity)	X					Gauges working Stereo tape deck broken knobs	
	(Door / Canopy Latches)	X					Good doors + hood latch function	
	(Safety - Horn / First Aid Kit)	X					Horn Working	
	(Operator Seat Condition)	X	X				Seat Good condition Armrests covers worn+orn	
	(Safety - Seat Belts / Fire Extinguisher)	X					Yes Fire Extinguisher	
	ENGINE	(Oil Color / Fluid Appearance / Particulates or Granules)	X					Oil and Fluids Good 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 No Blow By at operating temp	
(Oil Leaks)		X					No Engine Oil Leaks Seen	
(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X					Small amount of black under throttle Normal No smoke issues	
(Coolant Color / Fluid Appearance)		X					Coolant Good Appearance	
(Water Pump Noises / Damp Hoses / Coolant Leaks)		X					No coolant leaks or seepage seen	
(Coolant Leaks from Radiator)		X					No dampness or wet areas seen	
(Overall Engine Appearance Clean / Wet / Dry)		X	X				Engine Clean and Dry appearance 1 overflow bottle broken	
(Overall appearance of Hydraulic lines/fittings - worn/cracked)		X	X				Good-Above Average 1 connection caked in dried seepage	
HYDRAULICS OVERALL	(Hydraulic Pump Sounds / Noises)	X					Smooth sound and function of hydraulic pumps	
	(Wet or Damp hydraulic lines and fittings / fluid leaks)	X	X				A couple areas of dried seepages top of cylinder and pins	
	(External Controls / Levers Condition)	X					Good	
	(Hydraulics Service Records / Maintenance History)	X					PMI Filter marked 9/19/2022 @ 31,945 Hrs	
ELECTRICAL	(Lighting System Condition)	X					Working	
	(Reverse Alarm / Backup Signal)	X					Working	
	(Battery Condition)	X					Good appearance	
BRAKES	(Other)							
	(Foot Brake)	X					Good function	
	(Inching Brake Functional & Working Condition)	X					Good	
	(Parking Brake)	X					Good	
TRANSMISSION	(Other Remarks)	X					Good Brake function	
	(Travel Function)	X					Good function Forward and Reverse	
	(Transmission Noise / Function)	X					No unusual noises or delays	
	(Shift Lever Condition & Function)	X					Good shifter appearance + function	
CHASSIS & COMPONENTS	(Other Remarks)						Minimal travel distance	
	Loader (Oil Leak from Cylinder)	X					Some dried seepage top of hydraulic cylinder	
	Loader (Mounting Pin Condition)	X	X				Above average appearance Dried seepage+panel discoloration	
	Steering (Oil Leak from Cylinder)	X					Some dried seepage top of hydraulic cylinder	
	Steering (Mounting Pin Condition)	X	X				Above average appearance Dried seepage+panel discoloration	
	Bucket (Other Remarks)	X					Good appearance	
	(Transom / Boom / Arm Function / Noise)	X					Good appearance + function No unusual noises	
	(Slack in Pins / Loose Pins / Soft Bushings)	X					No excess slack or wiggle	
	(Level stance and alignment)	X					Good stance and alignment	
	(Front Axle Appearance)	X					Dry appearance No rust or damage seen	
LOADER	(Rear Axle Appearance)	X					Dry appearance No rust or damage seen	
	(Center Pin Appearance)	X					Dry appearance No rust or damage seen	
	(Wheel Condition) (Front)	Remaining Ratio Of Right *(A)to(E)	X	X			Good Tires= B-/C+ Hubs= B	
	(Wheel Condition) (Rear)	Remaining Ratio Of Left *(A)to(E)	X	X			Good Tires= B-/C+ Hubs= B	
	(Wheel Condition) (Front)	Remaining Ratio Of Right *(A)to(E)	X				Good Tires= B / Hubs= B	
	(Wheel Condition) (Rear)	Remaining Ratio Of Left *(A)to(E)	X				Good Tires= B / Hubs= B	
	(Tread Condition)		X				All Hubs=B Dry Appearance TIRES Front =B-/C+ Rear =B/B+	
	(Bucket Appearance)		X				Good Bucket Edge and Overall Appearance No damage	
	(Bucket Function)		X				Good Function, Hydraulics Lift Tilt + Angle Good	
	(Arm/Link Condition)		X				Good Arm and Link appearance	
(Other Remarks)		X				Good loader Function + Performance		

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

**DIMENSIONS: (shipping reference)**  
 Length: 47 Ft 3 in  
 Width: 15 Ft 1 in (over tires)  
 Height: 16 Ft 8 in  
 Weight: 223,920 lbs (operating wt)

\*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