

# Inspection Report

Date: 2018-12-12

Basic Details: WHEEL LOADER

Make	KOMATSU	Model	WA100	Serial no.	11046
Year	1985	SMR		Location	Kyusyu center

Specifications:

Boom	STD boom	Tire (left front)	16.9-24-10	Tire (left front)	Tire groove depth(10mm)	Tire (left rear)	16.9-24-10
Tire (left rear)	Tire groove depth(6mm)	Tire (right front)	16.9-24-10	Tire (right front)	Tire groove depth(10mm)	Tire (right rear)	16.9-24-10
Tire (right rear)	Tire groove depth(8mm)	Bucket	Edge	Canopy	Canopy		

Other Details:

Frame No.	Yes	Complete Washing	Applicable	SMR	Not working
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Defect Information

A:New or Rebuilt Unit    B:Good with Lapse of Years    C:Normal Operation/Appearance of Wear or Quality Down on Lapse  
 D:No Problem on Operation, but Repair Requested    E:Quick Repair or Replacement requested

No.	Component	Inspected Item	Grade	Defect Information
1	Overall	Overall Condition	C	
2	Engine	Condition (start, stop, noise)	C	
		Oil Leak	C	
		Fuel Leak	C	
		Water Leak	C	
		Engine Blow-By Pressure	C	
		Exhaust Color	D	
		Turbocharger	C	
		Muffler	C	
		Radiator (hydraulic oil, after cooler)	C	
		Engine Oil Cooler	C	
		Free description	D	White exhaust smoke when hydraulic pressure reach to be relief pressure
3	Electrical	Alternator	C	
		Starter Motor	C	
		Battery	D	Battery weak
4	Transmission/Brake	HST	C	
		Transmission	C	Transmission oil oozing
			C	Transmission output shaft oil oozing
		Drive Shaft	C	
		Differential	C	
		Axle (front)	D	Axle seal (left) oil leak

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4	Transmission/Brake	Axle (front)	D	Axle seal (right) oil oozing
		Axle (rear)	D	Axle seal (left) oil leak
		Steering Cylinder/Rod (left) (if one piece)	C	
		Steering Cylinder/Rod (right)	C	
		Brake	C	
		Free description	E	Stiff steering wheel (unable to operate finely) & Defective parking brake (not working), shipment by RORO vessel is impossible
5	Work Unit	Boom/Bell Crank	C	Bell crank excessive play
		Bucket Type	C	
		Bucket	D	Bucket excessive play
			D	Bucket repair mark
			D	Bucket corroded
			D	Bucket hole(s)
Free description	D	Rusted lift arm (right & left)		
6	Hydraulic	Lift Cylinder/Rod (left)	D	Lift cylinder oil leak
		Lift Cylinder/Rod (right)	D	Lift cylinder oil leak
		Bucket Cylinder (left) (if one piece)	C	Bucket cylinder oil oozing
		Hydraulic Pump	C	
		Control Valve	C	Control valve oil oozing
7	Control	Lever/Positioner	D	Bucket positioner defective
			D	Control lever excessive play
		Free description	D	Brake pedal excessive play
8	Travel	Tire Type	C	
		Tire/Rim (left front)	C	Tire (front left) sidewall cut
			C	Rim (front left) rusted
		Tire/Rim (left rear)	C	Tire (rear left) wear
		Tire/Rim (right front)	C	Tire (front right) sidewall cut
			C	Rim (front right) rusted
Tire/Rim (right rear)	C	Tire (rear right) wear		
9	Overall Appearance	Frame	C	Front frame rusted

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No.	Component	Inspected Item	Grade	Defect Information
9	Overall Appearance	Cab/Canopy	D	Canopy roof broken
			D	Canopy frame repair mark
			D	Front windshield repair mark
		Operator's Compartment	D	
		Air Conditioner	C	
		Tank/Exterior Cover	C	Engine hood catch defective
		Paint	C	
		Free description	D	Broken seat

## Other Defect Information

Grade	Comment
D	Corroded exterior cover
E	Broken monitor stand
D	Slow bucket movement at idling
D	Front windshield came off