

EVAL INSPECTION — ADVANCED — MOTOR GRADERS

2011 John Deere 872GP
 serial: 1DW872GPCBE636849
 Cab w/ AC • EH Controls • 14' Blade • 17.50 Tires • All Wheel
 Drive • AuxHydraulics • Snow Wing • V Plow

PHOTOS (11 total)



SUMMARY

Overall Condition: GOOD
Overall Comments: THE MACHINE HAS LOW HRS, NEEDS CLEANED, RIGHT SIDE ENGINE DOOR NEEDS ADJUSTED IT IS HITTING THE PLASTIC COVER AT THE FRONT OF THE ENGINE, TRANSMISSION OIL LOW, LAST SERVICE WAS 11/15/16,
Evaluator's Name: DAVE WILLIAMS
Operated Machine: Yes
Hours: 787

	E X C	G O O D	A V G	F A I R	P O O R	N / A	Comments	Estimated Cost		
								Parts	Labor	Total
General Appearance		X						0	550	550
Instruments / Controls		X						0	0	0
Cooling System Checks		X						0	0	0
Engine Checks		X						0	0	0
Transmission Checks		X						20	27	47
Differential, Brakes and Final Drive Checks		X						0	0	0
Hydraulic System Checks		X						0	0	0
Chassis and Frame Checks		X						0	0	0
Ground Engaging Tools								0	0	0
Tires / Rims		X						0	0	0
								597		

GENERAL APPEARANCE

	N E W	G O O D	U S A B L E	R E P A I R	R E P L A C E	N / A	Comments	Estimated Cost		
								Parts	Labor	Total
Sheet Metal			X				RIGHT SIDE ENGINE DOOR GET CAUGHT		200	200
Rust / Corrosion		X					NEEDS CLEANED		350	350
Paint		X								
Seat / Seat Belt / Rotation		X								
Doors / Glass		X								
Lights		X								
Mirrors		X								
Cab Interior		X								
Periodic Maintenance			X				LAST SERVICE WAS 11-15-16			
PIPS Complete		X								
Parking Brake / Linkage / Lock		X								
Decals		X								
Operators Manual		X								
Pilot Shut Off / Neutral Lock		X								
Shields/Guards(Drive Shaft)		X								
Section Summary		X								
										550

INSTRUMENTS / CONTROLS

	N E W	G O O D	U S A B L E	R E P A I R	R E P L A C E	N / A	Comments	Estimated Cost		
								Parts	Labor	Total
Hour Meter: Original <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Operating <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		X								
Charging System		X								
Engine Oil Pressure Gauge		X								
Temp Gauges(Eng,Trans,Hyd)		X								
Switches (Key, MFWD, Propel, etc.)		X								
Neutral Start Circuit		X								
Alarms (Travel, Backup)		X								
Monitor / Indicator Circuits		X								
Air Restriction Indicator		X								
Section Summary		X								

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COOLING SYSTEM CHECKS

	N E W	G O O D	U S A B L E	R E P A I R	R E P L A C E	N / A	Comments	Estimated Cost		
								Parts	Labor	Total
Coolant Level / Quality		X								
Coolant Operating Temperature		X								
Coolant Leaks		X								
Head Gasket Leakage		X								
Water Pump Check		X								
Fan Blades / Pulleys / Shrouds		X								
Fan Guard		X								
Belts / Hoses / Clamps		X								
Radiator / Oil Cooler Condition		X								
Radiator Mounts		X								
Air Conditioning System Check		X								
Section Summary		X								

ENGINE

Make	Size	Serial Number	Tier Rating	Type
JD	9.0L	RG6090R003254	iT4	diesel

ENGINE CHECKS

							Estimated Cost			
	N E W	G O O D	U S A B L E	R E P A I R	R E P L A C E	N / A	Comments	Parts	Labor	Total
Oil Level / Quality		X								
Oil Scanned? <input type="radio"/> Yes <input checked="" type="radio"/> No						X				
Air Intake System Check		X								
Engine Start-Up		X								
Engine RPM (Low Idle)		X								
Engine RPM (High Idle)		X								
Fuel Leaks		X								
Inj Pmp / Supply Pmp / Fuel Filter		X								
Oil Leaks		X								
Exhaust System		X								
Does Engine Miss		X								
Excs Smoke (Fuel / Oil / Coolant)		X								
Adequate Power		X								
Adequate Oil Pressure		X								
Speed Control Check / Linkage / AI		X								
Abnormal Engine Noise		X								
TurboCharger Check		X								
BlowBy Check		X								
Compression Check (if Required)						X				
Loose / Worn Parts		X								
Section Summary		X								

TRANSMISSION CHECKS

							Estimated Cost			
	NEW	GOOD	USABLE	REPAIR	REPLACE	N/A	Comments	Parts	Labor	Total
Oil Level / Quality				X			LOW ON TRANSMISSION OIL	20	27	47
Oil Scanned? <input type="radio"/> Yes <input checked="" type="radio"/> No						X				
Oil Leaks		X								
Flywheel Clutch / Dampners		X								
Torque Converter Stall / Lock Up		X								
Splitter Box		X								
Trans Oil Pres (Ctrl/Engagement)		X								
Gear Mesh (Manual Transmission)		X								
FNR Operation		X								
Rate of Shift Modulation		X								
Shifting Linkage Adjustments		X								
Clutch / Brake Slippage (Pwr Shft)		X								
High / Low Shifting Performance		X								
Engine Pull Down		X								
Abnormal Transmission Noise		X								
Section Summary		X								
										47

DIFFERENTIAL, BRAKES AND FINAL DRIVE CHECKS

							Estimated Cost			
	NEW	GOOD	USABLE	REPAIR	REPLACE	N/A	Comments	Parts	Labor	Total
Oil Level / Quality		X								
Oil Scanned? <input type="radio"/> Yes <input checked="" type="radio"/> No						X				
Oil Leaks		X								
Drive Lines / U-Joints		X								
Axle Oscillation Joints		X								
Mounting Hardware		X								
Differential Gear Noise		X								
Diff Lock / Limited Slip Check		X								
Service Brake Operation / Leakage		X								
Steering Clutch / Brake Operation		X								
Front Wheel Drive Operation		X								
Section Summary		X								

HYDRAULIC SYSTEM CHECKS

								Estimated Cost		
	NEW	GOOD	USABLE	REPAIR	REPLACE	N/A	Comments	Parts	Labor	Total
Oil Level / Quality		X								
Oil Scanned? <input type="radio"/> Yes <input checked="" type="radio"/> No						X				
Oil Leaks		X								
Oil Operating Temperature		X								
Hydraulic Pump Perf / Cycle Times		X								
Abnormal Pump Noise		X								
Sys Chk / Related Cyl / Pvt Jnts		X								
Hoses / Lines		X								
Axle Suspension / Accumulator		X								
Aux Hyd / Valve		X								
Control Valves / Relief Valves		X								
Steering Operational Check		X								
Steering Priority Vlv Opr Check		X								
Section Summary		X								

CHASSIS AND FRAME CHECKS

								Estimated Cost		
	NEW	GOOD	USABLE	REPAIR	REPLACE	N/A	Comments	Parts	Labor	Total
Main Frame		X								
Equipment / Engine Frame		X								
Axles / Tie Rods		X								
Circle Frame		X								
Cab / ROPS Frame		X								
Frame Articulation Joints		X								
Section Summary		X								

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GROUND ENGAGING TOOLS

										Estimated Cost		
	% remaining	NEW	GOOD	USABLE	REPAIR	REPLACE	N/A	Comments	Parts	Labor	Total	
Blades	80%		X									
Cutting Edge	90%		X									
End Bits							X					
Ripper							X					
Teeth / Tips							X					
Section Summary												

TIRES / RIMS

										Estimated Cost			
	Tire size	Tire ply	% remaining	NEW	GOOD	USABLE	REPAIR	REPLACE	N/A	Comments	Parts	Labor	Total
Front: Right	17.5/20		70%		X								
Front: Left	17.5/20		70%		X								
Drive: Right	17.5/20		70%		X								
Drive: Left	17.5/20		70%		X								
Trailer: Right									X				
Trailer: Left									X				
Section Summary					X								

ADDITIONAL PHOTOS

