



# TAQA NORTH

WO #

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824929

Unit #

Plant Booster

Make:

Wauk

Model:

7042GL

LSD

7-4-113-4 WLP

Date

MAY 7 2014

Maintenance Items	Replaced Yes	No	Inspect
Spark Plugs	✓		
Expansions		✓	
Fuel Filters		✓	
Coils		✓	
Secondary Leads		✓	
Primary Leads		✓	
Magneto	✓		
Magneto Drive Disk	✓		
Ignition Generator CEC Etc.	✓		
Valve Cover Gaskets	✓		
Fuel Admission Valves GL		✓	
Carb Diaphragm LB		✓	
Carb Diaphragm RB		✓	
Carb Butterflies		✓	
Throttle Body LB		✓	
Throttle Body RB		✓	
Governor		✓	
Governor Linkage		✓	
Main Water Pump Belts		✓	
Aux Water Pump Belts		✓	
Engine to Jackshaft Belts		✓	
Jackshaft to Cooler Dr. Belts		✓	Tightened
Jackshaft Bearings		✓	
Fanshaft Bearings		✓	
Idler Bearings		✓	

Engine	Yes	No
Oil Change	✓	
Oil Sample		✓
Bearings Greased	✓	
Screw Compressor		
Oil Change		✓
Oil Sample		✓
Oil Pressure	427 kPa	PSI
Oil Temp	70	°C/F
Valve Temps		
Packing Leaking	✓	

Pyro Temps.	LB	RB
1.	498	501
2.	499	502
3.	490	499
4.	491	496
5.	496	495
6.	499	491
7.		
8.		

Engine Compression Check Performed

Yes

No

	#1	#2	#3	#4	#5	#6	#7	#8
Right Bank Cylinders								
Left Bank Cylinders								

Final Settings		
Valve Setting	In	Hyd
Spark Plug Gap		0.012"
Ignition Timing	RB	9
Primary Fuel Pressure		50 PSI
Gas Over Air	RB	5.5 H <sub>2</sub> O
Lean Burn Prechamber Fuel at Idle	▲ P	6 Hg
Crankcase Pressure		-1 H <sub>2</sub> O
Exhaust O <sub>2</sub> (Lean Burn)	RB	
Exhaust CO (Rich Burn)	RB	9.4
Turbo Reserve Pressure	RB	
Jacket Water Temperatures		88 °C
Oil Temperature		82 °C
Manifold Pressure	RB	-12 Hg
RPM		1800
Exhaust Back Pressure		0 H <sub>2</sub> O
Intake Air Restriction		0 H <sub>2</sub> O
Engine Oil Pressure		60 PSI

Driver Hrs.

80,000

Compressor Hrs.

Comments:

Set valves, Change oil + filters, plugs,  
Repair oil leak on oil pump mount gasket.  
Pitch Fan to Summer

Technician:

Joe + Andrew