

Unit #

Make: (11)

LSD 12-15-20-11

Date JUN-26-13

Maintenance Items	Replaced		Inspect
	Yes	No	
Spark Plugs		✓	
Expansions		✓	
Fuel Filters		✓	
Coils			✓
Secondary Leads		N/A	
Primary Leads		N/A	
Magneto		N/A	
Magneto Drive Disk		✓	
Ignition Generator CEC Etc.			✓
Valve Cover Gaskets			✓
Fuel Admission Valves GL			N/A
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			✓
Jackshaft Bearings			✓
Fanshaft Bearings			✓
Idler Bearings			✓

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

Pyro Temps.	LB	RB
1.		
2.		
3.		
4.		
5.		
6.		
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	Ex
Spark Plug Gap		
Ignition Timing	RB	LB
Primary Fuel Pressure	4.5 PSI	
Gas Over Air	RB 45 H ² O	LB
Lean Burn Prechamber Fuel at Idle	▲ P Hg	
Crankcase Pressure	-2 H ² O	
Exhaust O ₂ (Lean Burn)	RB	LB
Exhaust CO (Rich Burn)	RB	LB
Turbo Reserve Pressure	RB	LB
Jacket Water Temperatures	180 F/C	
Oil Temperature	170 F/C	
Manifold Pressure	RB 5 Hg	LB
RPM	1050	
Exhaust Back Pressure		H ² O
Intake Air Restriction		H ² O
Engine Oil Pressure	60 PSI	

Driver Hrs:

Compressor Hrs:

Comments: CHANGE ENGINE OIL & FILTERS CRANKED
 AIR FILTERS, LUBE BEARINGS. CHECK FOR LEAKS.



TAQA NORTH

WO# 127143

2000 h. SER.

TAQA WO #

Unit #

Make CAT

Model 3512

LSD 1245-20-11 WY

Date APR-18-15

Maintenance Items	Replaced		Inspect
	Yes	No	
Spark Plugs		☒	
Exhausts		☒	
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			N/A
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			☒
Jackshaft Bearings			☒
Fanshaft Bearings			☒
Idler Bearings			☒

Engine		
	Yes	No
Oil Change	☒	
Oil Sample	☒	
Bearings Greased	☒	
Compressor		
Oil Change		☒
Oil Sample	☒	
Oil Pressure		70 PSI
Oil Temp		°C/F
Valve Temps		
Packing Leaking		☒
Pyro Temps.		
	LB	RB
1.		
2.		
3.		
4.		
5.		
6.		
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	Ex
Spark Plug Gap		
Ignition Timing	RB	LB
Primary Fuel Pressure	3.5 PSI	
Gas Over Air	RB 4.5 H ₂ O	LB
Lean Burn Prechamber Fuel at Idle	▲ P Hg	
Crankcase Pressure	-1 H ₂ O	
Exhaust O ₂ (Lean Burn)	RB	LB
Exhaust CO (Rich Burn)	RB	LB
Turbo Reserve Pressure	RB	LB
Jacket Water Temperature	190 F/C	
Oil Temperature	180 F/C	
Manifold Pressure	RB Hg	LB
RPM	1120	
Exhaust Back Pressure	H ₂ O	
Inlet Air Restriction	H ₂ O	
Engine Oil Pressure	60 PSI	

Driver Hrs:

Compressor Hrs:

Comments: CHANGE ENGINE OIL & FILTER, CLEANED
AIR FILTERS, LUBE BEARINGS, CHECK OILERS
TOP OF DAY TANK, FAN PITCH.

Technician: JUAN GAMER



TAQA NORTH

WO# 626266

TAQA WO #

Unit #

Make: CAT

Model: 3512

LSD 12-15-20-11 W4

Date DEC-3-12

Maintenance Items	Replaced		Inspect
	Yes	No	
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			W/P
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			✓
Jackshaft Bearings			✓
Fanshaft Bearings			✓
Idler Bearings			✓

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

Pyro Temps.	LB	RB
1.		
2.		
3.		
4.		
5.		
6.		
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	Ex
Spark Plug Gap		
Ignition Timing	RB	LB
Primary Fuel Pressure		PSI
Gas Over Air	RB	H ⁰
Lean Burn Prechamber Fuel at Idle	▲ P	Hg
Crankcase Pressure	-2	H ⁰
Exhaust O2 (Lean Burn)	RB	LB
Exhaust CO (Rich Burn)	RB	LB
Turbo Reserve Pressure	RB	LB
Jacket Water Temperatures	190	F/C
Oil Temperature	160	F/C
Manifold Pressure	RB	Hg
RPM	1050	
Exhaust Back Pressure		H ⁰
Intake Air Restriction		H ⁰
Engine Oil Pressure	65	PSI

Driver Hrs:

Compressor Hrs:

Comments: Service engine, change oil, filter, and fluids.
 Also replaced injectors, checked valves, checked fan belt.

Technician: June Gomez



TAQA NORTH

WO# 658102

TAQA WO # _____

Unit # _____

Make: CATModel: 3512LSD 12-15-20-11 W4Date SEP-3-12

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

Engine			
	Yes	No	
Oil Change	✓		
Oil Sample	✓		
Bearings Greased	✓		
Compressor			
Oil Change	✓		
Oil Sample	✓		
Oil Pressure		60	PSI
Oil Temp			°C/F
Valve Temps			
Packing Leaking		✓	

Pyro Temps.	LB	RB
1.		
2.		
3.		
4.		
5.		
6.		
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	Ex
Spark Plug Gap		
Ignition Timing	RB	LB
Primary Fuel Pressure		PSI
Gas Over Air	RB	H ² O
Lean Burn Prechamber Fuel at Idle	▲ P	Hg
Crankcase Pressure	- 2	H ² O
Exhaust O2 (Lean Burn)	RB	LB
Exhaust CO (Rich Burn)	RB	LB
Turbo Reserve Pressure	RB	LB
Jacket Water Temperatures	180	F/C
Oil Temperature	160	F/C
Manifold Pressure	RB	Hg
RPM	1100	
Exhaust Back Pressure		H ² O
Intake Air Restriction		H ² O
Engine Oil Pressure	70	PSI