



WORK ORDER NUMBER: 60122785 LYD24583

ENGINE DATA SHEET

62064737

UNIQUE WELL ID (UWI): 08-07-046-24-W3 (i.e. 131/16-01-051-23W3/03)		DATE COLLECTED: 06/02/2015 (MM/DD/YYYY)
DATA COLLECTED BY: Marty Hughes (FIRST AND LAST NAME)		COMPANY NAME: BIDELL
<b>COMPRESSOR ENGINE INFORMATION</b>		
MANUFACTURER: CATERPILLAR		MODEL / SIZE: G3406TA
SERIAL NUMBER: 6NB01407		HOURS: 30482
<b>COMPRESSOR BUILDING INFORMATION</b>		
MANUFACTURER: CONCEPT		SERIAL / CSN #: 100136
<b>COMPRESSOR INFORMATION</b>		
MANUFACTURER: ARIEL		MODEL: JGA-4
SERIAL NUMBER: F-18480		

ENGINE OIL PRESSURE	40	PSI
ENGINE OIL TEMP	81°C	°F
COMPRESSOR OIL PRESSURE	58	PSI
COMPRESSOR OIL TEMP	55°C	°F
INTAKE MANIFOLD PRESSURE (R/B)	-10	"Hg
INTAKE MANIFOLD PRESSURE (L/B)		"Hg
PRIMARY FUEL PRESSURE	19	PSI
REGULATED FUEL PRESSURE (R/B)	+6	"H <sub>2</sub> O
REGULATED FUEL PRESSURE (L/B) NA		"H <sub>2</sub> O
PRECHAMBER FUEL PRESSURE NA		"Hg
TURBO RESERVE PRESSURE (R/B)	+12.8	"Hg
TURBO RESERVE PRESSURE (L/B)		"Hg
CRANKCASE PRESSURE	0	"H <sub>2</sub> O
EXHAUST O <sub>2</sub> (R/B)	1.3%	%
EXHAUST O <sub>2</sub> (L/B)		%
EXHAUST CO (R/B)	.034%	%
EXHAUST CO (L/B)		%
IGNITION TIMING		° BTDC
SPARK PLUG GAP	.017	"
RPM	1174	

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equip\_llyd\_hog@huskyenergy.com  
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intakes spec .020"  
exhaust spec .040"

CYL NUMBER		INITIAL		WEAR		COMPRESSION			
1	INTAKE	CAM	.015	EXH	CAM	.009	EXH	190	PSI
	EXHAUST	CAM	.040	EXH	CAM	0	EXH		PSI
2	INTAKE	CAM	.016	EXH	CAM	.004	EXH	180	PSI
	EXHAUST	CAM	.040	EXH	CAM	0	EXH		PSI
3	INTAKE	CAM	.015	EXH	CAM	.005	EXH	190	PSI
	EXHAUST	CAM	.040	EXH	CAM	0	EXH		PSI
4	INTAKE	CAM	.030	EXH	CAM	0	EXH	180	PSI
	EXHAUST	CAM	.039	EXH	CAM	.001	EXH		PSI
5	INTAKE	CAM	.030	EXH	CAM	0	EXH	190	PSI
	EXHAUST	CAM	.036	EXH	CAM	.004	EXH		PSI
6	INTAKE	CAM	.030	EXH	CAM	0	EXH	190	PSI
	EXHAUST	CAM	.036	EXH	CAM	.004	EXH		PSI
7	INTAKE	CAM	.030	EXH	CAM	0	EXH	190	PSI
	EXHAUST	CAM	.040	EXH	CAM	0	EXH		PSI
8	INTAKE	CAM	.030	EXH	CAM	0	EXH	190	PSI
	EXHAUST	CAM	.040	EXH	CAM	0	EXH		PSI
9	INTAKE	CAM		EXH	CAM		EXH		PSI
	EXHAUST	CAM		EXH	CAM		EXH		PSI
10	INTAKE	CAM		EXH	CAM		EXH		PSI
	EXHAUST	CAM		EXH	CAM		EXH		PSI
11	INTAKE	CAM		EXH	CAM		EXH		PSI
	EXHAUST	CAM		EXH	CAM		EXH		PSI
12	INTAKE	CAM		EXH	CAM		EXH		PSI
	EXHAUST	CAM		EXH	CAM		EXH		PSI
13	INTAKE	CAM		EXH	CAM		EXH		PSI
	EXHAUST	CAM		EXH	CAM		EXH		PSI
14	INTAKE	CAM		EXH	CAM		EXH		PSI
	EXHAUST	CAM		EXH	CAM		EXH		PSI
15	INTAKE	CAM		EXH	CAM		EXH		PSI
	EXHAUST	CAM		EXH	CAM		EXH		PSI
16	INTAKE	CAM		EXH	CAM		EXH		PSI
	EXHAUST	CAM		EXH	CAM		EXH		PSI

DEFICIENCIES (PMF CONSIDERATIONS):

I HAVE CONTACTED AREA LEAD TRADESMAN TO BEGIN PMF WORK:

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

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LSD	Replaced		Inspected	Comments
	Yes	No		
WO #	✓		✓	
Spark Plugs	✓		✓	
Extension NA	✓		✓	
Fuel Filters	✓		✓	
Air Filters		✓	✓	
Coils		✓	✓	
Secondary leads NA		✓	✓	
Primary Leads		✓	✓	
Hydraulic Lifters NA		✓	✓	
Valve Cover Gaskets		✓	✓	
Ad Valves NA		✓	✓	
Carb Diaphragm RB		✓	✓	
Carb Diaphragm RB NA		✓	✓	
Carb Butterflies		✓	✓	
Governor		✓	✓	
Governor Linkage		✓	✓	
Main Water Pump Belts NA				
Aux Water pump Belts NA				
Engine to jackshaft belts NA				
Jackshaft to cooler Belts			✓	
Cooler belts <del>engine belt</del>		✓	✓	
Jackshaft bearings NA				
Fan shaft Bearings		✓	✓	
Idler Bearings		✓	✓	
Engine Oil Change	✓			
Compressor Oil Change		✓		
Compressor Filter		✓		

  

Jacket Water Temperature	89°C
Glycol strength	-55°C

#### ENGINE

EXH Temperature	LB	RB
1	562	560
2	563	550
3	573	583
4	550	590
5		
6		
7		
8		

#### COMPRESSOR

Lube Rates	LB 25 sec/cycle	RB 25 sec/cycle
Packing Vents	YES	NO
Valve Temps	YES	NO

	Stage 1	Stage 2	Stage 3
PSI Suc	18 psi	61 psi	80 psi
PSI Dis	62 psi	80 psi	725 psi
Temp Suc	22°C	26°C	26°C
Temp Dis	90°C	86°C	110°C

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