

ESL# 94146

MAIL TO: WAUKESHA ENGINE DIVISION

> Dresser Industries, Inc. 1000 West St. Paul Avenue

Waukesha, Wisconsin 53188-4999

SERVICEMAN'S SIGNATURE

CERTIFIED SERVICEMAN'S SIGNATURE

	4		eport	**RE	MANUFACT	ÜRED**		At	ttn: Warra	nty Departi	ment		
SOL	Y: E.S.L.	0		ENGIN	E MODEL:	F3521	Gl	J		SERVICE R	EP.: STEV	E BUTTR	AM
ADD.	s: _CALC	GARY, A	ALBERTA	_ S/N.: .	291979	SF	PEC	· · ·		ORGANIZA	TION: PA	MCO	
OWNER	CONOCO	CANAL	DA	_ COMP	RESSION F	RATIO:		:	- 1	ADDRESS:	8235 W	AGNER R	OAD
ADDRES	s: EDSO	V, ALE	BERTA					EQUIPMEN'	T:		ON, ALBE		
ENGINE	LOC.:	EDSON	<u> </u>	ARI	EL JGH-2	S/N	F1(	)338		DATE OF S	TART-UP:	APRIL 7	/95
	06-13-1	17-48	W5M	_ APPLIC	CATION:_G	AS GATI	HEF	RING		FAB.REP.P	ERFORMIN	G START-	-UP:
FABRICA	ATED BY:	Ε.	S.L.	DUTY	CYCLE: _C	CONTINUC	ous	5					
	LUBE OII	& FIL	TER		COOLING	SYSTEM	IN	FORMAT	ON	F	UEL INFO	RMATION	V
BRAND.	ESSO GL	_X		TYPE	50/50	GLYCO	L			TYPE:	NATURA	L GAS	
										OCTANE/			
VISCOSI	SS.:30									BTU CONT			
OIL CHA	NGE HOUF	RS: 15	500	MAINT	MENT USE AINED BY:	OPI	ERA	ATOR	)	FILTRATIO			
	CUSTOME			_					*				
	MENDATIO			_						% OF H <sub>2</sub> S	OR HCL: _		
					. <u>00</u>	T ALIGN	ME	- <u>000</u>	<u>0 "</u>	HEAD(S) R	ETORQUED		
0.000	<u>" 0. +(</u>	002"	00015"	- 011 "	. 001 "	-002	" _	-001 " (P	N001″		650		FT. LBS.
0.000	" O. (	002"	0. 002"		,	000°	_	-002- -000-		INT.	<i>"</i> " [	EXH. •	
FINA	L CRANKC	ASE DE	FLECTION	CRANK- SHAFT END	DISTAN		ENTE	ER OF SHAFT	Common .	HYD. LIFTE		MING: RB	·o
		START)		PLAY	DIAL IN	DICATOR _				(BTDC)		LB:	·°
FUP"	ON TEST NO	LOAD	OPERATION	N. ENGINE P	RAN FOR _	40M	INL	JTES.					
	RPM	T	IGN. TIMING @	INT. MFLD.	GAS OVER	T		SA	AFETY TRIP PO	INTS		CHECKE	ED OILING
IDLE	HI IDLE	GOV.	GOV. RPM BTDC	VAC. AT IDLE	AIR RATIO	HI WATE	R	LOW OIL	O.S. GOV.	INT. MFLD.	FUEL SHUTOFF		
650	1200		RB: 24°	17 Hg			°F	25 <sub>PSI</sub>	1250 RPI	v °F	PS	ı	
UNCTIC	ON TEST LO	ADED	OPERATION	ENGINE R	AN FOR	2 но	UR	S					
	WATER OUT	OIL		C. CASE	EXH. BACK			N. TIMING @	INT. MFLD	EXHAUST	RACK I	FUEL PRESS.	GAS OVER
RPM	TEMP.	TEMP	1	PRESS.	PRESS.	LOAD		V. RPM-BTDC	VAC./PRES		EXT.	I CONTRACTOR THE CONTRACTOR	AIR RATIO
1100	180	160	58	1/2		BHP	RB:	24° °	6	'Hg °F		PSI	4½ "H <sub>2</sub> O
	° F		°F PS		~H <sub>2</sub> 0	KW		0		'Hg °F		PSI	"H <sub>2</sub> O
a supplications, provinces				FOR "GL"	ENGINES	COMPLE		REVERSE	E SIDE AL	50			
									- 010 - 70				
NOTE AN exhaust, o	Y OIL OR Wor general in:	/ATER L stallation	EAKS and an n features whi	y discrepanc ich may be de	ies which sl etrimental to	hould be c engine per	orre	ected. Explai mance or ser	n any supp rvice life.	ort systems su	uch as fuel,	cooling, air	r induction,
REMAR	KS:												
										9			
				***************************************				.,	and a second				
		, TO 3		D. 004.55.5		. X			400 44	TO 0571111	4.070		x
SUPPLIED	OPERATIO	N AND S	ERVICE MAN	UAL? X	DISC	CUSSED OF	PER	ATION AND	MAINTENA!	TO OBTAIN P	ARIS AND S	ERATOR?	X
man disco iron la		Automotion i recolida (Carlos)							VE BUTTR		ann an Aire ann an Aire an Air		
								JIL		W 20 0			

EXPLANATION OF ABBREVIATIONS: "HG (Inches of Mercury), "H<sub>2</sub>O (Inches of Water), °F (Degree Fahrenheit), R.B. (Right Bank), L.B. (Left Bank), RPM (Engine Crankshaft RPM), PSI (Pounds Per Square Inch), O.S. (Over Speed). A= Angular P=Parallel

CUSTOMER'S SIGNATURE (Required) (Indicating Start-Up Performance to His Satisfaction)

## 1500 HR SERVICE. MAY 10/95

-SET ENGINE VALVES

- CHANGED OIL + FILTERS

- CHANGED SPARK PLUGS

- CHECKED TIMING

- CHECKED BELTS + BEARINGS

- CHECKED AIR FILTER

- BORESCOPED #2CYL. (THIS CYLINDER HAS
ABOUT ONE TABLE SPOON OF OIL IN THE
CHAMBER AFTER SHUT DOWN)

-CHECK COMPRESSION

#1 210 PSI

#2 215 PSI

#3 220 PSI

#4 215 PSI

#5 210 PST

#6. 212 PSI

Equip. #	Description	Location	W.O.#	Date Completed	Parts Used	Comments
PEF-409A	9000HR Compressor P.M.	Peco Field 06-13-49-16W5	9703161	08/07/02		-All tasks were completed.

Matt v PM History

To: From: Ariel - Mount Vernon
PAMCO EDMONTON



Date: APRIL 7/95

Phone: 614-397-0311 FAX: 614-397-3856

☐ Direct Sale

## COMPRESSOR WARRANTY NOTIFICATION AND INSTALLATION LIST DATA

Coverage Under ARIEL'S Warranty Policy Is Based Upon Receipt Of Notification And Complete Information.

Fabric	ator				Cust	omer		-	Lease-Purchase Rental/Lease Unit
Address _	C.F.		BERTA			ıy	EDSON,	ALBERTA	
City	Unit No.	State 04146	Zip						Zip
			•						_ ZIP
Docum	entation a	and Accesso	ories		Comp	ressor Fr	ame		
Are The F	ollowing Inc	luded in Unit	Shipment?		Frame N	/lodel Serial No	JGH-2 F10338		
1. Operato	or's manual		🔀 yes	no	Package	Shinmont I	Data		
2. Unit spa	are parts list		🔀 yes	no	Package	Start-Up D	ate APRIL	7/95	
4. Start-up	mended spar check list		☑ yes	no no		ocation			
5. Special	tools and sp	are oil fliter	☑ yes	no	Unit Doc	signation _			
Prime N	Mover				Closest	Signation _ Town	EDS0	N. ALBER	RTA
Applied RF	PM1200	)				e Yes □			
Manufacti	urer WAU	KESHA			Direction	ns to locatio	n B W5M		
Model	F352	21 GU S/	N 291979		06-	13-17-48	B W5M		
Coupling N	Mfg. & Mode	el							
Opera	ting Con	ditions	и		OK to C	Contact: Y	es 🗆 No 🗆		
Compress	or Applicatio	n: GATHE	RING	1	Specific	Gravity		Capacity _	MMSCF
		, Recycle, Boo							
		1.5			Non-lub	ed Cyl's: Ye	es 🗆 No 🗆	H <sub>2</sub> S	_ % CO <sub>2</sub> 9
(NG, CO	$O_2$ , $N_2$ , Air, $O_3$	etc)				5	rs. as of		A. Transmitted
0		12			* Photo	s: Yes	No □		
Compi	ressor C	yıınaers			nula administra del Propi garego de La realiza de Albertano de Pare	racion, white of the Committee of the State	Only annual for the transition of the San	enne tillstelle prot forestelle eller e	
**Cyl.	Stage	Throw	Serial	נ	Diameter	Inl	et	Disch	narge
Type	Number	Number	Number			deg F		deg F	
		2	C28217		1/4	40	291	125	487
	2	1	C28218		5 1/2	85		200	1018
		-							<del></del>
	v								
				_					
2									

<sup>\*</sup> Place card on unit showing frame serial number in approx. 6" letters. Capture entire package in photo.

<sup>\*\*</sup> Examples: If cyl. is a 4-5/8 H tandem - Then type is "HT"; If cyl. is a 4-5/8 H tandem, HI-Press - Then type is "HT-HP"

EQUIP.#	DESC.	LOCATION	W.O.#	DATE	PARTS USED	COMMENTS
				COMPLETED	. Antio colo	SOMMENTO
PEF-409A	27000HR Cylinder P.M.	6-13-49-16W5	9702655	05/22/01		■ Tasks were completed at the same time as 9702652.
	9000HR Compressor P.M.		9702652	05/22/01		Replaced main and conn rod bearings. Checked all cross head pin and bushing clearances. All under .0035" Crankshaft end float .012"
			9702112	9/08/00		All tasks were completed except did not check and test all safety shut down devices.     Switched to Conoco Hydro Clear oil
						Switched to Conoco Hydro Clear oil.
			9701823	1/5/2000		All tasks were completed.
			9700987	6/17/98		<ul> <li>Valves switched to thermo plastic, rings replaced, rod coated T.C. by Compressor Components.</li> <li>All tasks were completed.</li> </ul>
			9700526	7/05/97		Matt requested this P.M. be changed to a 27000HR schedule.
			9600173	8/04/96		All tasks were completed.

## COMPRESSOR REPORT & CLEARANCE RECORD

START UP WO: #\_56424

CUSTOMER: CODOCO UNIT #: 94146

MAKE: Anel



COMPRE	SSOR	PERFORMANC.
		THE RESIDENCE OF THE PARTY OF T

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	.000			000
100	-(A). 00,2	. 7005		7705
				. 000
	.000		<u> </u>	-010
	oupling	Alignment		

~	SIART UP WO:	# 36424	.000	-010
PRAME SERIAL: F-10338	MODEL: JGH-2 START UP DATE	Anal 7100	Coupling All	gnment
T. 100 II.	CEDVICENAN	Cla = 0 11	Gas Temperature	and Pressure
OIL: ESSO GLX 30	UNIT LOCATION	sieve bomon	SUCTION	
	ONIT EOCATION:			DISCHARGE
			#1_291 PSI AT_4000	#1 487 PSI AT 1250FO
Die	ston End		#2 PSI ATO	12 1018 PSI AT 200°F 0
	Parance		#3 PSI AT 0	
				#3 PSI AT O
Cyl. Ser. (2-28-217)			#4 PSI AT0	#4 PSI AT 0
SIZE CIVU HE 0.93 CE 0.68	0.00 0.00		#5O	#5 PSI AT 0
XHD Clearance: 0.002	Pull Downs 0.075 0.057	SIZE 5/2	#6 PSI AT O	
BG #	0.0001	S XHD Clearance:		#6 PSI AT 0
ROD Run Out	000 0.00	0.011		
		BG #	CRANKCASE OIL	11155
Cyl. Ser.	<u>o.</u> o.			LUBRICATOR OIL
SIZE	0.	Cyl. Ser	BRAND ESSO GLX	BRAND
XHD Clearance: 0.	0.	- 81ZE	GRADE	GRADE
BG #	0. 0.	XHD Clearance:	VISCOSITY_30	
		BG #	OIL PRESSURE 60 PSIT	VISCOSITY
Cyl. Ser.		00		DROPS PER MINUTE
SIZE	0.	0.1.0	OIL TEMPERATURE INTO CRANKCASE	
XHD Clearance: 0.	0.	Cyl. Ser.	125°F	
0	<u>0.</u> 0. <u>0.</u> 0.	SIZE XHD Clearance:	OIL TEMPERATURE OUT OF CRANKCASE	
8G#		0		
	Crank End Play	BG #	COMMENTS:	
Cross Hand Was Ha	SUCTION:	DISCHARGE:		
Cross Head Wts. #1	VALVES: #1	#1		
#3	#3	#2		
#4				-
#6		#5 #6		
NOTE: Indicate if split yokes are in	nstalled e.g. S/Y IN or S/Y OUT			
014/05/89	WHITE FAIGURE TO			



_	PAGE
	6-13 comp June 17/98
	- REPLACED ALL CONN ROB BES. BRGS.
	- REPLACED ALL MAIN BRGS
	CONN ROD SIDE CL. #1,013"
	#2 :011"
	CRANKSHAFF END FLORT, OII"

EQUIP.#	DESC.	LOCATION	W,O.#	DATE COMPLETED	PARTS USED	COMMENTS
PEF-409A	9000HR Compressor P.M.	6-13-49-16W5	9700987	6/17/98		<ul> <li>Valves switched to thermo plastic, rings replaced, rod coated</li> <li>T.C. by Compressor Components.</li> <li>All tasks were completed.</li> </ul>
			9700526	7/05/97		Matt requested this P.M. be changed to a 27000HR schedule.
			9600173	8/04/96		All tasks were completed.

EQUIP.#	DESC.	LOCATION	W.O.#	DATE COMPLETED	PARTS USED	COMMENTS
PEF-409B	9000HR Compressor P.M.	6-13-49-16W5	9702656	05/22/01		Cylinder inside dia. 9.252"-9.2505" Replaced all compressor valves (Hoerbigger) Replaced all rod packing (Dover) Replaced piston rings (Compressor Components) Polished rods Piston bump CL061" HE .124" Crosshead clearance .011" Rod runout & .0005" All pin and bushing CL. Were on spec.
			9700988	6/17/98		All tasks were completed.     Check measurements recorded in history files.
			9700524	7/05/97		Matt requested this P.M. be changed to a 27000HR schedule.



/ 10	1		10010 176-1		
6-13	Comp	·   7	una 1/198		
H - and					
#a cyl	158 57	AGE			
H.E.			C.E.		
//			1		
9.251"	9.2515	9.250	50		
V					
9,251	9,2515	-" 9.	25075"		
CROSS HEA.	0				
	D TOGUIDE	- 010	e		
	B PIN DI				
				61	
C 18 055 115.	40 PIN B	JORK X	DIA. FRONT		
			BACK	1.50175	
CONP	V ROD B	45H. D			
			4 4.50		
			€> 4.50°		
				essor compon	UENT
-ROD	WAS REC	DATED	IN TUNGST	ON CARBIDE	
-PISTON	Bump	C.E.	.057"		
		H,E.	. 098"		
ROD	RUNOUT	+ . 001	5-12		