FES/Mycom Screw Compressor Package-250 HP					
Mfg: FES/Mycom	Model: 250LU-M				
Stock No: DTTC804.	Serial No: 2511221				

FES Mycom Screw Compressor Package-250 HP. Model: 250LU-M. S/N: 2511221. Leak test pressure: 313 psig. Hydrostatic test pressure: 470 psig. Suction pressure: 12 in. Hg @ -45°F. Discharge pressure: 33 psi @ 20 °F. Capacity: 140.0 TR. Brake hp: 183.0. Brake hp per ton: 1.031. Oil Separator, Nat\ Bd: 20583, maximum working pressure: 250 psi, maximum temperature: 600 °F, minimum working temperature: -20 °F. Motor, 250 hp, 3555 rpm, 2300/4160 V, 56/31 amps, 60 Hz, 3 phase. Viking Rotary Pump, Model: AK 4195, S/N: 11593302. Baldor Motor, 5 hp, 1160 rpm, 208-230/460 V, 17-15.5/7.3 amps, 60 Hz, 3 phase. Mycom Mypro-M controller. Compressor shaft axial play: 0.001 in. Inlets: (1) 12 in. dia flanged ammonia port. Outlets: (1) 4 in. dia. discharge. Overall dimensions: 13 ft. L x 52-1/2 in. W x 81 in. H. Hours run 41,977.















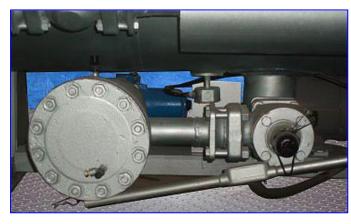


















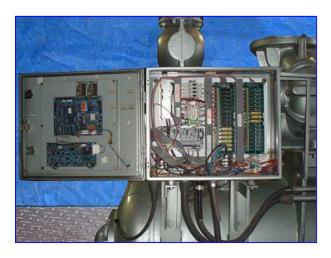








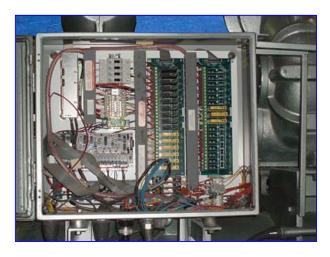


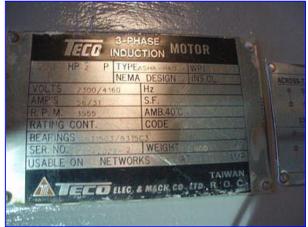




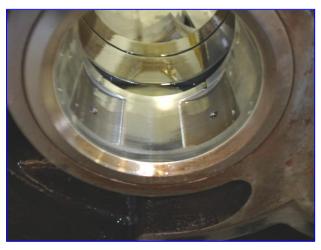








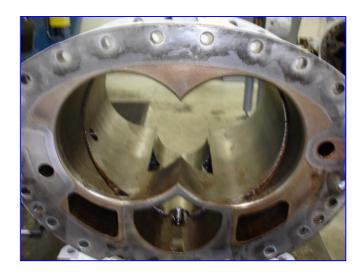


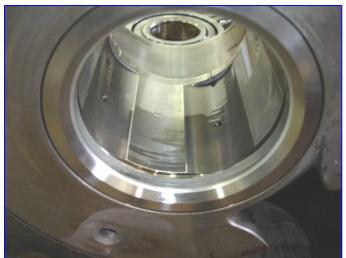
















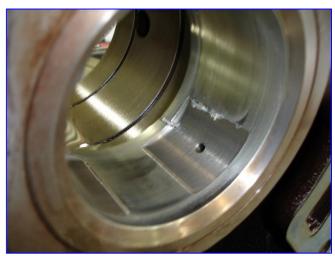












SCREW COMPRESSOR INSPECTION REPORT

Customer	Tropicana			Warran	ty / Service	560-22	496	
Compressor Ty	ype Mycom	Model #	250	LU-L	Serial #	251122	21X#	
Customer Rep	ort and/or Comp	olaint :						
Analysis of Fai	lure							
Date of Inspec	tion <u>9-1-05</u>	j		Inspect	ed by	R.J.		
TORQUES Outer Race (M	l) <u>44 FT</u>	/#	Inne	er Race (M)	Not to	o Tight	_	
)		Inne	r Race (F)	Loose)	<u> </u>	
CLEARANC Axial Float (M)	ES	Suction End	I (M)		Discharge End	d (M)	.003	
					_			
	Shaft) <u>.001</u>		.,		- 0	. ,		
	A C		D D	(A) (B) (C) (D)	Male rotor to Female rotor Male rotor to Female rotor	to cylinde slide valv	er discharge e /e <u>.003</u>	end <u>.030</u>
SLIDE	VALVE							
			(A)	otion End	D	6.5 6.5 Slide v	narge End 542 537 543 /alve VI	
SLIDE	VALVE CYL	INDER					-	
		F	(A) (B) (B)	6.5355 6.562 6.5355		<u>6.</u>	536 5355 5355	
SEAL INFORM	MATION: nham Bush	☐ Howden	8		_8B	9B		
DRIVE RING	CONDITION							
мусом		le 🗌 E	30S (V-s	series)	☐ FES			

*SEAL CONDITION & JOURNAL DIAM ROTOR CONDITION: (M) OK	METER OK 2	7555				
(F) OK						
ROTOR JOURNAL CONDITION: (M)	OK D	isc. 4.3305	Suct 4 330			
(F)		isc. 4.3305	Suct. 4.3305			
· /—						
GUIDE BLOCK WITH CLEARANCES	: .002 ⊠S	tandard \qua	rsized			
GUIDE PIN CONDITION Loose						
SLIDE VALVE CONDITION Slight	Near on Top C	HROMED X	_METALIZED			
SLIDE VALVE SPINDLE OK						
THRUST BEARING CONDITION	THRUST BEARIN					
(M) Worn	- \ / 	<u>K</u>	_			
(F) Worn	_ (F) <u> </u>	K	_			
SUCTION HEAD OK						
SUCTION SLEEVE BEARINGS (M)	Some Wear	(F)	Wiped			
DISCHARGE HEAD OK	0	(F)	Como Mon			
DISCHARGE SLEEVE BEARINGS (M	Some we	<u>ear</u> (F)	Some Wear			
LIQUID INJECTION ANGLE 59°						
UNLOADER PISTON & CYLINDER C		K				
END COVER INJECTION TUBE ASSE						
BALANCE PISTON & SLEEVE COND		NCES				
INDICATOR ASSEMBLY CONDITION APPROXIMATE OPERATION HOURS						
FLANGES PRESENT:	<u> </u>					
Suction Yes	Discharge Y	es				
DEMARKO						
REMARKS: Female Discharge End Locknut Loose but Tab Locked In						
remaie Discharge End Lockitut Loos	e but tab Locked	<u> </u>				
•						

SCREW COMPRESSOR BUILD SHEET

PARTS MACHINED & METAL REMOVED: NONE

CUSTOMER Tropicana				V	WARR <i>A</i>	ANT/SERVICE #_	560-2	560-22496	
REPAIR DATE		10/7/2005			R	REPAIR	ED BY	J.R.	
COMPRESSOR	TYPE_	Mycom	MODEL_		250 LU-L	,		SERIAL#	2511221
ASSEMBLED OF MALE ROTOR: FEMALE ROTOR RUNOUT	DISCH DR: DISC	HARGE			D/B SI A B		(B	
D/B 88B 9B			✓				CAPAC SLIDE VALVE V DISCHARGE HE LIQUID INJ. AN	EAD Vi <u>2.6</u>	
TABS BENT O	VER	Yes					SLIDE VALVE S	STROKE	Good
SLIDE VALVE	TEST W	TTH AIR PRE	SSURE <u></u>	Good	_		LEAK TEST	Good	
THRUST BEAR PROBLEMS BU PARTS ADDED	JILDING	MACHINE:	E & SIZE: <u>S</u>	Std.	_				
SEAL .	PARTS						GASKETS & C	O-RINGS	
LOCK	NUTS o	& LOCKWA	SHERS				GUIDE	E BLOCK &	PIN
		ARINGS ON & SLEEVE	E				SLEEV	E BEARING	GS