

FES/Mycom Screw Compressor Package-250 HP

Mfg: FES/Mycom

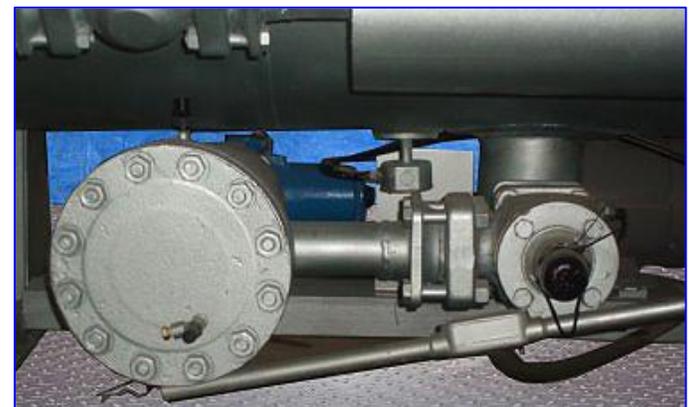
Model: 250LU-M

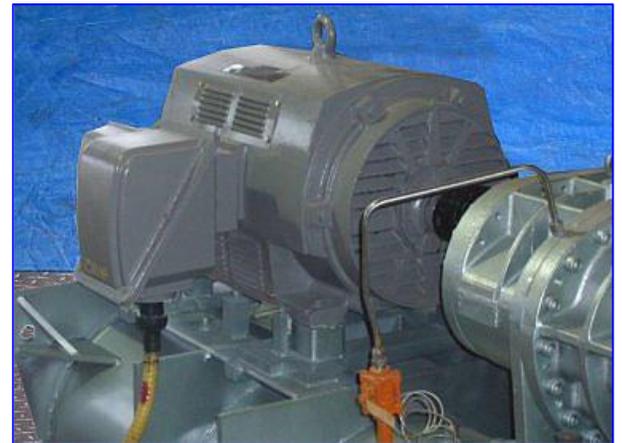
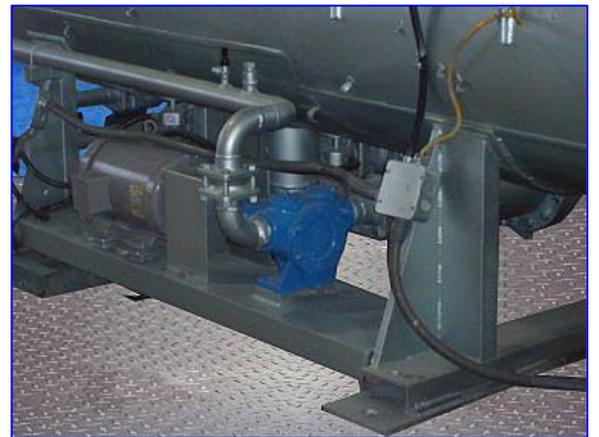
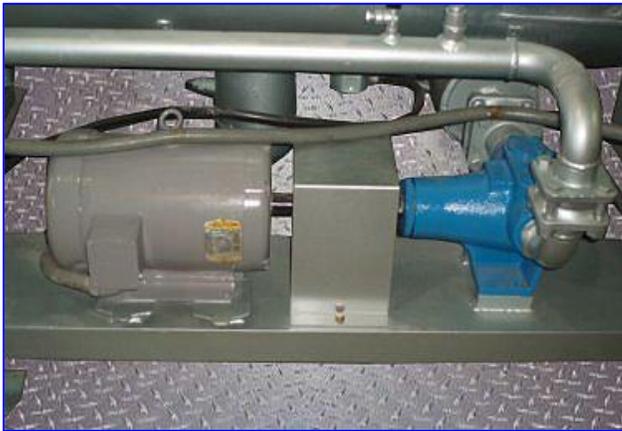
Stock No: DTTC804.

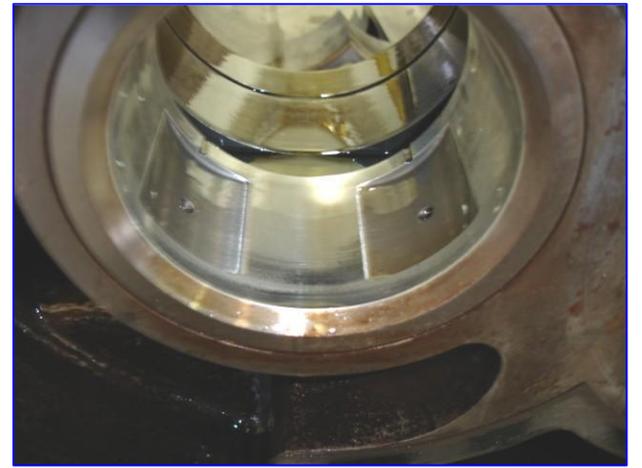
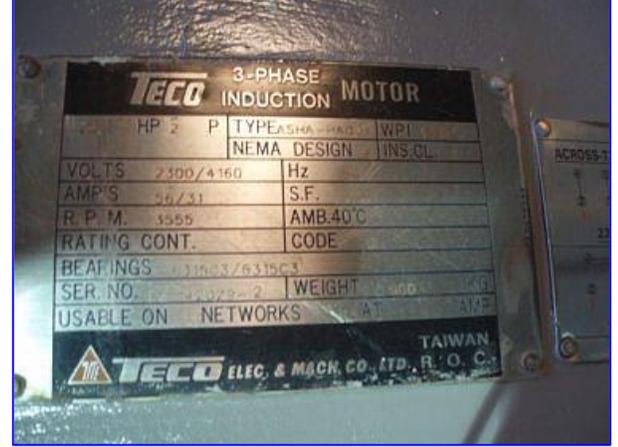
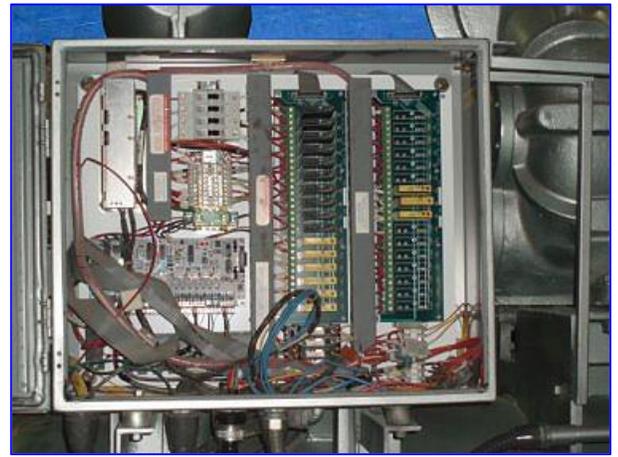
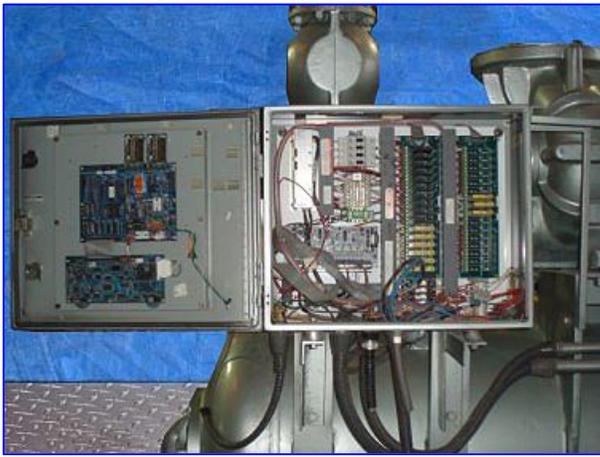
Serial No: 2511221

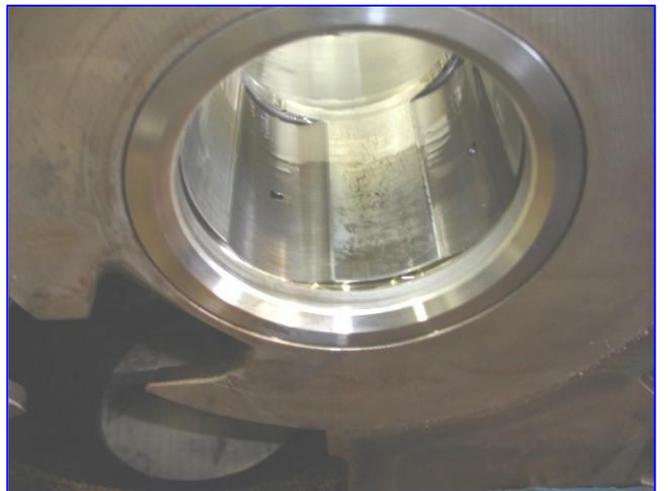
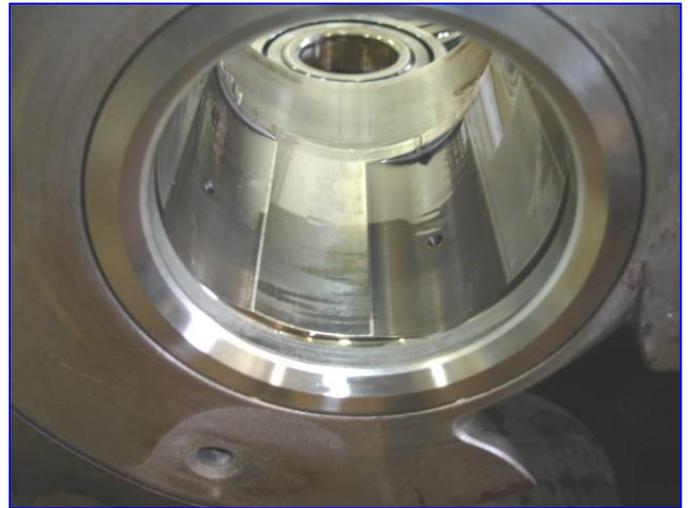
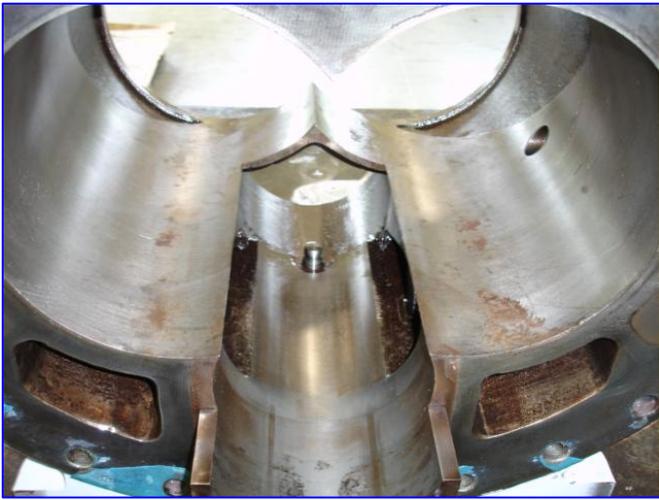
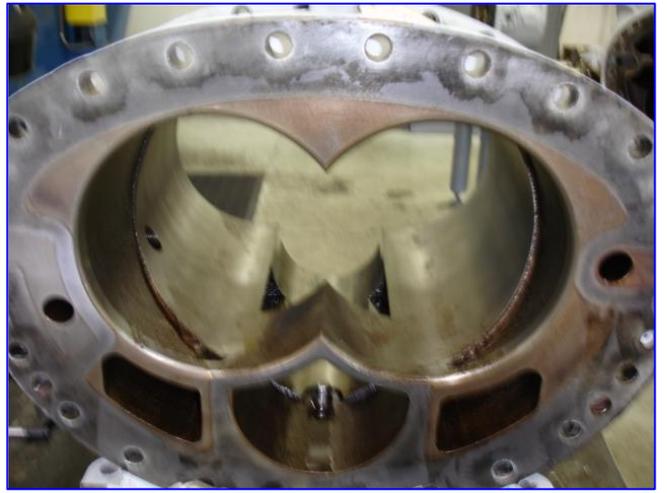
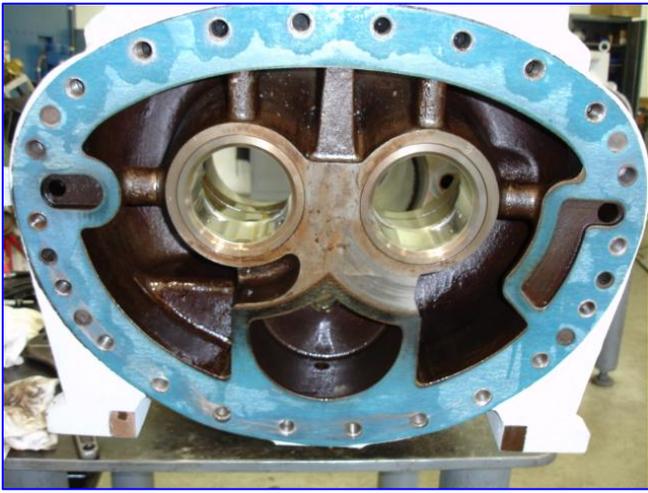
FES Mycom Screw Compressor Package-250 HP. Model: 250LU-M. S/N: 2511221. Leak test pressure: 313 psig. Hydrostatic test pressure: 470 psig. Suction pressure: 12 in. Hg @ -45°F. Discharge pressure: 33 psi @ 20 °F. Capacity: 140.0 TR. Brake hp: 183.0. Brake hp per ton: 1.031. Oil Separator, Natd Bd: 20583, 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.

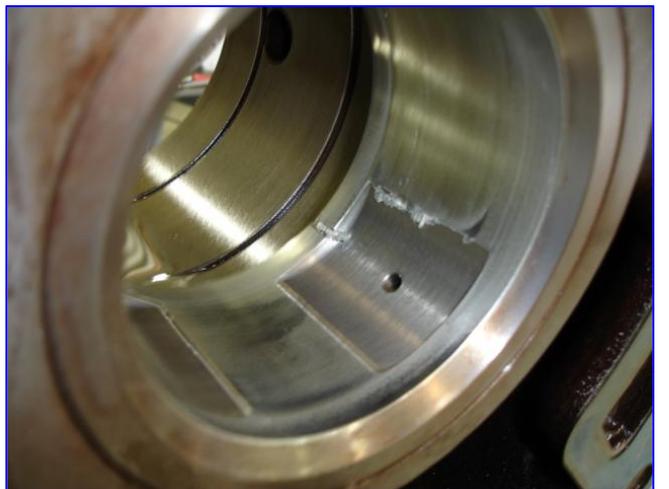












*SEAL CONDITION & JOURNAL DIAMETER OK 2.7555

ROTOR CONDITION : (M) OK
(F) OK

ROTOR JOURNAL CONDITION: (M) OK Disc. 4.3305 Suct. 4.330
(F) OK Disc. 4.3305 Suct. 4.3305

GUIDE BLOCK WITH CLEARANCES : .002 Standard Oversized

GUIDE PIN CONDITION Loose

SLIDE VALVE CONDITION Slight Wear on Top **CHROMED** X **METALIZED**

SLIDE VALVE SPINDLE OK

THRUST BEARING CONDITION	THRUST BEARING RETAINER
(M) <u>Worn</u>	(M) <u>OK</u>
(F) <u>Worn</u>	(F) <u>OK</u>

SUCTION HEAD OK

SUCTION SLEEVE BEARINGS (M) Some Wear (F) Wiped

DISCHARGE HEAD OK

DISCHARGE SLEEVE BEARINGS (M) Some Wear (F) Some Wear

LIQUID INJECTION ANGLE 59°

UNLOADER PISTON & CYLINDER CONDITION OK

END COVER INJECTION TUBE ASSEMBLY OK

BALANCE PISTON & SLEEVE CONDITION W/CLEARANCES .004

INDICATOR ASSEMBLY CONDITION OK

APPROXIMATE OPERATION HOURS N/A

FLANGES PRESENT:

Suction Yes Discharge Yes

REMARKS:

Female Discharge End Locknut Loose but Tab Locked In

SCREW COMPRESSOR BUILD SHEET

CUSTOMER Tropicana

WARRANT/SERVICE # 560-22496

REPAIR DATE 10/7/2005

REPAIRED BY J.R.

COMPRESSOR TYPE Mycom MODEL 250 LU-L SERIAL # 2511221

ASSEMBLED CLEARANCES:

MALE ROTOR: DISCHARGE .003

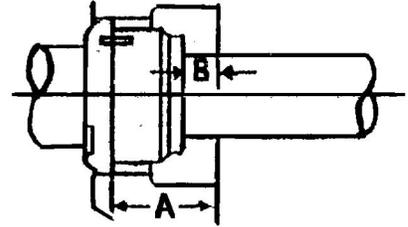
FEMALE ROTOR: DISCHARGE .003

RUNOUT .000

D/B SEAL

A _____

B _____



TYPE OF SEAL

D/B	MYCOM
8 _____	CRANE _____
8B _____	MYCOM <u>✓</u>
9B _____	BOS _____

TABS BENT OVER Yes

SLIDE VALVE TEST WITH AIR PRESSURE Good

THRUST BEARING MANUFACTURE & SIZE: Std.

PROBLEMS BUILDING MACHINE:

PARTS ADDED TO MACHINE:

SEAL PARTS

LOCKNUTS & LOCKWASHERS

THRUST BEARINGS

BALANCE PISTON & SLEEVE

CAPACITY & LIQUID INJ.

SLIDE VALVE Vi 2.6

DISCHARGE HEAD Vi 2.6

LIQUID INJ. ANGLE 59°

SLIDE VALVE STROKE Good

LEAK TEST Good

GASKETS & O-RINGS

GUIDE BLOCK & PIN

SLEEVE BEARINGS

PARTS MACHINED & METAL REMOVED: NONE