SCREW COMPRESSOR INSPECTION REPORT

Customer Tropicana  Warranty / Service 560-22491

Compressor Type Mycom Model # 320 SU-L Serial # 3251188 X#

Customer Report and/or Complaint:

Analysis of Failure:

Date of Inspection 10-7-05 Inspected by J.R.

TORQUES
Outer Race (M) Inner Race (M)
Outer Race (F) Inner Race (F)

CLEARANCES
Axial Float (M) Suction End (M) Discharge End (M) .004
Axial Float (F) Suction End (F) Discharge End (F) .004
Runout (Male Shaft) .000

(A) Male rotor to cylinder discharge end .010
(B) Female rotor to cylinder discharge end .012
(C) Male rotor to slide valve .006
(D) Female rotor to slide valve .004

SLIDE VALVE

Suction End Discharge End
(A) 8.080 8.081
(B) 8.081 8.081
(C) 8.081 8.081

Slide valve VI 3.6

Double or Single hyd. Double
SLIDE VALVE CYLINDER

Suction End   Discharge End
(A) 8.084     8.084
(B) 6.562     8.084
(C) 8.084     8.084

SEAL INFORMATION:
☐ Dunham Bush  ☐ Howden  8_________ 8B_______ 9B_______

DRIVE RING CONDITION

MYCOM  ☒ V-Ring Style  ☐ BOS (V-series)  ☐ FES

*SEAL CONDITION & JOURNAL DIAMETER  Worn  SEE REMARKS  3.544

ROTOR CONDITION:
(M) Slight Wear
(F) Slight Wear

ROTOR JOURNAL CONDITION:
(M) Good  Disc.  5.512  Suct.  5.512
(F) Good  Disc.  5.512  Suct.  5.512

GUIDE BLOCK WITH CLEARANCES:
GUIDE PIN CONDITION  OK .002  ☒ Standard  ☐ Oversized

SLIDE VALVE CONDITION  OK  CHROMED  XXXX  METALIZED

SLIDE VALVE SPINDLE  OK

THRUSS BEARING CONDITION
(M) Worn
(F) Worn

THRUSS BEARING RETAINER
(M) OK
(F) OK

SUCTION HEAD  Good

SUCTION SLEEVES BEARINGS
(M) Wiped
(F) Wipped

DISCHARGE HEAD  Good

DISCHARGE SLEEVES BEARINGS
(M) Wiped
(F) Wipped

LIQUID INJECTION ANGLE  59°

UNLOADER PISTON & CYLINDER CONDITION  Some scarring – needs Honed

END COVER INJECTION TUBE ASSEMBLY  Good

BALANCE PISTON & SLEEVE CONDITION W/CLEARANCES  Worn .004

INDICATOR ASSEMBLY CONDITION  Good

APPROXIMATE OPERATION HOURS  N/A

FLANGES PRESENT:
Suction  Yes  __________  Discharge  Yes  __________

REMARKS:
THE SEAL WAS WORN AND HAS AT LEAST 6 BROKEN SPRINGS – NEEDS TO HAVE A NEW SET OF SPRINGS BEFORE RE-USE

Compressor Assembly Sheet

SCREW COMPRESSOR BUILD SHEET

CUSTOMER  Tropicana  WARRANT/SERVICE #  560-22491

REPAIR DATE  10/24/2005  REPAIRED BY  J.R.
COMPRESSOR TYPE Mycom MODEL 320 SU-L SERIAL # 3251188

ASSEMBLED CLEARANCES: D/B

MALE ROTOR: DISCHARGE .004 A

FEMALE ROTOR: DISCHARGE .004 B

RUNOUT

TYPE OF SEAL

<table>
<thead>
<tr>
<th>D/B</th>
<th>MYCOM</th>
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<tbody>
<tr>
<td>8</td>
<td>CRANE</td>
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<tr>
<td>8B</td>
<td>MYCOM</td>
</tr>
<tr>
<td>9B</td>
<td>BOS</td>
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CAPACITY & LIQUID INJ.

SLIDE VALVE Vi 2.6
DISCHARGE HEAD Vi 2.6
LIQUID INJ. ANGLE

TABS BENT OVER Yes

SLIDE VALVE TEST WITH AIR PRESSURE Good
LEAK TEST

THRUST BEARING MANUFACTURE & SIZE:

PROBLEMS BUILDING MACHINE:

PARTS ADDED TO MACHINE:

SEAL PARTS
LOCKNUTS & LOCKWASHERS
THRUSTR BEARINGS
BALANCE PISTON & SLEEVE

GASKETS & O-RINGS
GUIDE BLOCK & PIN
SLEEVE BEARINGS

PARTS MACHINED & METAL REMOVED: None