LOW PRESSURE FEEDER
(REV.7 02/18/2010 B.L.Guy)

RECEIVING INSPECTION REPORT

JOB#: 50227827       DATE: 03/07/2012       INSPECTOR: B.L.Guy
SIZE: No 4       CUSTOMER: Lincoln P & T Lincoln, ME
S.H.#: 1144       KAMYR#:       MYRENS#:____

GENERAL RECEIVING INFORMATION:

FEEDER SKID: YES COMMENTS: N/A
HANDWHEEL: YES COMMENTS: N/A
HANDWHEEL KEY: YES COMMENTS: N/A
SCALE: YES COMMENTS: N/A
SCALE POINTER: YES COMMENTS: N/A
FEET: NO COMMENTS: N/A
COUPLING: YES COMMENTS: Double row spur , Set flush with end of shaft
FLINGERS: YES COMMENTS: N/A
LANTERN RINGS: YES COMMENTS: N/A
EXHAUST COVER: YES COMMENTS: N/A
STEAM MANIFOLD: NO COMMENTS: N/A
LIFTING PLATES: YES COMMENTS: On top
REDUCER SUPPORT: NO COMMENTS: N/A

GENERAL REMARKS:____

HARDWARE INSPECTION LIST

T.S. HEAD: REPLACE # & SIZE: 16 ea 1 1/4"-12 X 3 1/2" lg
D.S. HEAD: REPLACE # & SIZE: 12 ea 1"-14 X 3" lg
SPIDER: OK # & SIZE: N/A
BEARING COVERS: OK # & SIZE: N/A
HANDWHEEL HOLDER: N/A # & SIZE: N/A
PACKBOX: REPLACE # & SIZE: 8 ea 3/4"-10 X 3 1/2" lg HHCS
PACKING GLAND: OK # & SIZE: N/A
EXHAUST COVER: OK # & SIZE: N/A
LOW PRESSURE FEEDER REBUILD REPORT

JOB#: 50227827
DATE: 03/07/2012
INSPECTOR: B.L. Guy

SIZE: No 4
CUSTOMER: Lincoln P & T Lincoln, ME

S.H.#: 1144
KAMYR#: 
MYRENS#: 

A) BORE SIZE AS RECEIVED: 34 7/8”
   ACTUAL FINISHED DIAMETER: 
   CONDITION OF BORE: Fair

B) HOUSING WALL THICKNESS AS RECEIVED: 1 5/8” - 1 11/16”

1) POCKET PURGE: YES, 1 side only
   CONDITION: OK

2) EXHAUST PORTS: YES, 2 ea, REPAIR
   CONDITION: 1 side eroded bad, see pics

3) SHEAR EDGE OVERLAY: REQUIRED
   POCKET TAPER: 3/4” in use
   CONDITION: Worn

4) DOCTOR BLADE: REPLACE
   CONDITION: Full length gusset

5) FEEDER ROTATION (FROM D.S.): CW
   RUN IN BOTH DIRECTIONS? Could

6) DRIVE SIDE GASKET FACE: OK
   CONDITION: N/A

7) ADJUSTING SIDE GASKET FACE: OK
   CONDITION: N/A

8) VISIBLE CRACKS: YES
   CONDITION: See pics

9) TAPPED HOLES: REPAIR
   NUMBER & SIZE: 1 ea at adj. block on D/S. // 2 ea at T/S flange go thru into pocket // 2 ea T/S flange have bad threads. // 6 ea are "plug repaired" weld seams opening up, see pics

GENERAL REMARKS: 

SECTION A-A
ADJUSTING SIDE END HEAD

C) SLIDING MEMBER O.D.: 15.391 OK
D) SLIDING MEMBER I.D.: 11.812/.813 OK
E) BEARING HOUSING BORE: 15.394/.395 OK
F) SEAL BORE: 9.250 Minor erosion
G) WEAR RING I.D.: 7.933/.939 S/S radial scoring, see pics
   WEAR RING BORE: N/A N/A
H) PACKBOX BORE: 9.375 OK

10) KEY/KEYWAY: Both OK CONDITION: N/A
11) SEAL ADAPTER PLATE: YES,OK CONDITION: Head pattern is not modified
12) PACKING GLANDS: YES,REPAIR MAT’L: Sti COMMENTS: Bore eroded out
   GLAND HARDWARE: REPLACE DESCRIPTION: N/A
13) LANTERN RINGS: REPLACE MATERIAL: Teflon COMMENTS: Bore is worn
14) GASKET FACE: OK CONDITION:N/A:
15) BACKSIDE OF HEAD: OK CONDITION: N/A
16) WEAR RING ADAPTER PLATEN/A: CONDITION: N/A
17) TAPPED HOLES: REPAIR NUMBER & SIZE: 4 ea 3/4”-10 @ pk box
18) CLEAN-OUT PORTS: N/A COMMENTS: _____

GENERAL REMARKS: _____
## DRIVE SIDE END HEAD

<table>
<thead>
<tr>
<th>AS RECEIVED</th>
<th>CONDITION</th>
<th>AFTER REPAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>J) SLIDING MEMBER O.D.:</td>
<td>13.128</td>
<td>OK</td>
</tr>
<tr>
<td>K) SLIDING MEMBER I.D.:</td>
<td>11.418/.419</td>
<td>OK</td>
</tr>
<tr>
<td>L) BEARING HOUSING BORE:</td>
<td>13.132/.134</td>
<td>Minor erosion, dings</td>
</tr>
<tr>
<td>M) SEAL BORE:</td>
<td>9.252</td>
<td>OK</td>
</tr>
<tr>
<td>N) WEAR RING I.D.:</td>
<td>7.933/.940</td>
<td>S/S, OK</td>
</tr>
<tr>
<td>WEAR RING BORE:</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>P) PACKBOX BORE:</td>
<td>9.3745</td>
<td>OK</td>
</tr>
<tr>
<td>19) KEY/KEYWAY: Both OK</td>
<td>CONDITION: N/A</td>
<td>______</td>
</tr>
<tr>
<td>20) SEAL ADAPTER PLATE: YES,OK</td>
<td>CONDITION: Headpattern is not modified</td>
<td>______</td>
</tr>
<tr>
<td>21) PACKING GLANDS: YES,REPAIR</td>
<td>MAT’L: Stl</td>
<td>COMMENTS: Bore is eroded out</td>
</tr>
<tr>
<td>GLAND HARDWARE: REPLACE</td>
<td>DESCRIPTION: ______</td>
<td></td>
</tr>
<tr>
<td>22) LANTERN RINGS: YES,REPAIR</td>
<td>MATERIAL: Teflon</td>
<td>COMMENTS: Bore is worn out</td>
</tr>
<tr>
<td>23) GASKET FACE: OK</td>
<td>CONDITION: N/A</td>
<td>______</td>
</tr>
<tr>
<td>24) BACKSIDE OF HEAD: OK</td>
<td>CONDITION: N/A</td>
<td>______</td>
</tr>
<tr>
<td>25) WEAR RING ADAPTER PLATE: N/A</td>
<td>CONDITION: N/A</td>
<td>______</td>
</tr>
<tr>
<td>26) TAPPED HOLES: REPAIR</td>
<td>NUMBER &amp; SIZE:4 ea 3/4”-10 @ pk box</td>
<td></td>
</tr>
<tr>
<td>27) CLEAN-OUT PORTS: N/A</td>
<td>COMMENTS: ______</td>
<td></td>
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</tbody>
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GENERAL REMARKS: _____
PACK-RYT INFORMATION Form
REV. 1 01/16/2008 B.L.Guy

TENDING SIDE END HEAD:

PACK BOX BORE:  See pg # 3
PACKBOX BORE LENGTH:  6 1/8" With wear ring
WATER HOLE DIAMETER:  5/16"
WATER HOLE LOCATION:  2 1/2" - 2 3/4" (FROM TOP OF WEAR RING TO C/L OF HOLE)
WEAR SLEEVE DIAMETER:  See print

DRIVE SIDE END HEAD:

PACK BOX BORE:  See pg # 5
PACKBOX BORE LENGTH:  6 1/8" With wear ring
WATER HOLE DIAMETER:  5/16"
WATER HOLE LOCATION:  2 1/16" (FROM TOP OF WEAR RING TO C/L OF HOLE)
WEAR SLEEVE DIAMETER:  See print
ROTOR & SHAFT ASSEMBLY

ROTOR: Fabricated

<table>
<thead>
<tr>
<th>R) DRIVE FIT DIAMETER:</th>
<th>AS RECEIVED</th>
<th>CONDITION</th>
<th>AFTER REPAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.998</td>
<td>Linear scoring, see pics</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ra) INBOARD DRIVE FIT DIAMETER:</th>
<th>N/A</th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rb) CLEARANCE DRIVE FIT DIAMETER:</td>
<td>N/A</td>
<td></td>
<td></td>
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<tr>
<td>Rc) OUTBOARD DRIVE FIT DIAMETER:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S) OUTBOARD SEAL FIT DIAMETER:</th>
<th>5.314</th>
<th>OK</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>T) D.S. BEARING FIT DIAMETER:</td>
<td>5.510</td>
<td>OK</td>
<td></td>
</tr>
<tr>
<td>U) INBOARD SEAL FIT DIAMETER:</td>
<td>7.480</td>
<td>Eroded</td>
<td></td>
</tr>
<tr>
<td>V) D.S. WEAR SLEEVE DIAMETER:</td>
<td>REPLACE</td>
<td>Worn</td>
<td></td>
</tr>
<tr>
<td>W) T.S. WEAR SLEEVE DIAMETER:</td>
<td>REPLACE</td>
<td>Worn</td>
<td></td>
</tr>
<tr>
<td>X) T.S. SEAL FIT DIAMETER:</td>
<td>7.480</td>
<td>Radial scoring</td>
<td></td>
</tr>
<tr>
<td>Y) T.S. BEARING FIT DIAMETER:</td>
<td>4.919</td>
<td>OK</td>
<td></td>
</tr>
<tr>
<td>Z) BEARING SHOULDER TO FACE:</td>
<td>17 3/8&quot;</td>
<td>OK</td>
<td></td>
</tr>
</tbody>
</table>

28) KEYWAY: 1 1/4"x 5/8"x 8 3/8" CONDITION:OK

29) D.S. THREADS: OK CONDITION: N/A

30) T.S. THREADS: OK CONDITION: N/A

31) CRACKS AROUND HUB?: NO DESCRIPTION: N/A

32) BAR CRACKS?: NO DESCRIPTION: N/A

33) POCKET CORNER CRACKS?: NO DESCRIPTION: N/A

NOTE: SEE ATTACHED N.D.T. REPORT(S) FOR ROTOR/SHAFT.

GENERAL REMARKS: Rotor is pinned in place
MISCELLANEOUS COMPONENTS

34) SPIDER: YES   COMMENTS: OK

35) SPINDLE: YES   COMMENTS: Die Gage Fit - Loose
   THREADS: OK   COMMENTS: N/A
   HARDWARE: REPLACE   COMMENTS: 4 ea 3/4"-10 X 1 1/4" lg

36) BRASS NUT: YES   COMMENTS: OK
   HANDWHEEL FIT: 2.999   COMMENTS: OK
   KEYWAY: SIZE: 1/2"X 1/4"X 2 3/4"   COMMENTS: OK
   FIT WITH SPINDLE- AXIALLY: .003   RADially: .004

37) BRASS WASHER: YES   COMMENTS: OK

38) HANDWHEEL: YES   COMMENTS: OK
   HANDWHEEL BORE: 3.003   COMMENTS: OK
   HANDWHEEL KEYWAY: 1/2"X 1/4"X Fulllength   COMMENTS: OK
   HANDWHEEL KEY: 1/2"X 1/2"X 2 1/2"   COMMENTS: OK

39) 3"NUT & SHROUD: YES   COMMENTS: OK

40) HANDWHEEL HOLDER: N/A   COMMENTS: N/A

41) T.S. BEARING COVER: YES   COMMENTS: OK

42) D.S. BEARING COVER: YES   COMMENTS: OK

42a) SEAL BORE SIZE: 6.501   SIZE AFTER REPAIR:______

43) EXHAUST COVER PLATE: REPAIR   COMMENTS: Eroded 3/8" dp of 1/2" plate

44) STEAM PURGE MANIFOLD: NO   COMMENTS: N/A

45) D.S. BEARING NUT: REPLACE   COMMENTS: N/A

46) T.S. BEARING NUT: REPLACE   COMMENTS: N/A

47) LOCK TAB WASHER: REPLACE   COMMENTS: N/A

48) ADAPTER SLEEVE: REPLACE   COMMENTS: N/A

49) LOCKPLATE: N/A   COMMENTS: N/A

50) BEARING SHOULDER RINGS: N/A   COMMENTS: N/A

51) DRIVE APPARATUS: Double row sprocket   CONDITION: OK
   BORE: 4.998   COMMENTS: OK
   KEYWAY: 1 1/4"X 5/8"X Thru   COMMENTS: OK
   KEY: 1 1/4"X 1 1/4"X 8 3/8"   COMMENTS: OK
   PILOT: N/A   COMMENTS: N/A
   TAPPED HOLES: OK   NUMBER & SIZE: N/A

GENERAL REMARKS: _____
Liquid Penetrant Inspection Form

REV. 1 10/24/06 B.L.Guy

JOB#: 50227827  DATE: 03/07/2012  INSPECTOR: B.L.Guy

SIZE: No 4  CUSTOMER & LOCATION: Lincoln P & T Lincoln, ME  S.H.#: 1144

SPECIFICATIONS: Section # 5 ASME  COMPONENT: Rotor/Shaft

SOLVENT VISIBLE:  WATER WASHABLE: XXX

RESULTS:

INSPECTOR CLOCK NUMBER: 907

ACCEPTED:  REJECTED: XXX  REMARKS: Rotor - Cracks and pinholes in pocket corners and end plate to end ring welds.

ACCEPTED: XXX  REJECTED:  REMARKS: Shaft - No defects found

ACCEPTED: XXX  REJECTED:  REMARKS: Sprocket - No defects found

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

ACCEPTED:  REJECTED:  REMARKS: 

GENERAL COMMENTS:  

Component Scrap Request

JOB#: 50227827      DATE: 03/07/2012      INSPECTOR: B.L.Guy
SIZE: No 4      CUSTOMER & LOCATION: Lincoln P & T Lincoln, ME      S.H.#: 1144

INSPECTOR CLOCK NUMBER: 907

Items scrapped:

T/S Packing gland              REMARKS: Per R. Campbell
D/S Packing gland              REMARKS: Per R. Campbell
Scale              REMARKS: Per R. Campbell
Pointer              REMARKS: Per R. Campbell
T/S Lantern ring              REMARKS: Per R. Campbell
D/S Lantern ring              REMARKS: Per R. Campbell
Exhaust Cover plate              REMARKS: Per R. Campbell

:____              REMARKS:_____
:____              REMARKS:_____
:____              REMARKS:_____
:____              REMARKS:_____
:____              REMARKS:_____

GENERAL COMMENTS:_____