## Suction Roll Service Report

<table>
<thead>
<tr>
<th><strong>Customer:</strong></th>
<th>Appleton</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Customer PO:</strong></td>
<td>254396 ON</td>
</tr>
<tr>
<td><strong>Roll Position:</strong></td>
<td>Suction Couch</td>
</tr>
<tr>
<td><strong>Manufacturer:</strong></td>
<td>Beloit</td>
</tr>
<tr>
<td><strong>Diameter:</strong></td>
<td>37 1/16&quot;</td>
</tr>
<tr>
<td><strong>Face:</strong></td>
<td>201.5&quot;</td>
</tr>
<tr>
<td><strong>Drilled Face:</strong></td>
<td>188&quot;</td>
</tr>
<tr>
<td><strong>Roll Identification:</strong></td>
<td>#226 #92 PM</td>
</tr>
<tr>
<td><strong>Shop Order NO:</strong></td>
<td>6261</td>
</tr>
<tr>
<td><strong>Date Shipped:</strong></td>
<td>4/28/2011</td>
</tr>
</tbody>
</table>
Disassembled;

**Front Head**: All bearings and housings removed

**Drive Head**: All bearings and housings removed

**Suction box**: Suction box removed

Shell;

**Shell Material**: Brass with Rubber Cover

**Shell Thickness**: 1 1/4"

**Rubber Thickness**: 1/2"

**Hole Pattern**: 38

**Cleaned**: High pressure water blasted by Hy-Blast

**Studs & Holes**: Inspected and in good condition

**Bore Profile**: Front 33.297" Center 33.293" Rear 33.292"

Journals;

**Suction Box Journal**: Inspected and in good condition 15.7425" diameter.

**Rear Journal**: 15.750" in good condition

**Internal Journal**: Good 2.9965" diameter

Suction Box;
Cleaned: High pressure water blasted by Hy-Blast

Painted: No

End Deckles Assemblies: Work freely and in good condition.

End Deckles: Replaced with new Cold Water

Drawing NO: A13-002-2

Maximum Opening: 188"

Minimum Opening: 171 1/2"

Sealing Strips: Replaced with new Cold Water

Drawing NO: A13-002-1 & A13-002-3

Sealing Strip Loading: Air tubes replaced all lines cleaned out.

Air Tubes: New tubes installed

Springs: NA

Grease Lines: Cleaned and checked good

Air Lines: Checked out good no leaks

Lubricating Shower: Cleaned out an inspected no leaks

Cleaning Shower: Cleaned out an inspected no leaks

Skid block Assembly: Good

Housings;

Front Housing: Housing in good condition.
Bearing Fit:  23.617" ID housing
Damage: No damage found
Rear Housing: Visual inspection good condition
Bearing Fit:  23.625 ID
Damage: None found
Painted: Yes epoxy Vista Green

Heads;

Front Head; Removed shim pack to obtain proper fit on head to shell
Shim Pack: Shims removed at assembly.
Shell:
Head:
Damage: No damage found in visual inspection
Rear Head; Good Condition
Shim Pack: N/A
Shell:  33.320
Head:  33.328
Damage: No damage found in visual inspection

Bearings:

Front Bearing NO: SKF 23080 CAC/C03 W509
Replaced: Yes
Fit:  15.743" Diameter
Bench Clearance: 0.014

Mounted Clearance:

Locknut & Washer:

Seals: N/A

Lubrication: Mobilith SHC PM 460

Rear Bearing NO: SKF 23080 CAC/C

Replaced: Yes

Fit: 15.751” diameter

Bench Clearance: Straight Fit

Mounted Clearance: N/A

Locknut & Washer: N/A

Seals: N/A

Lubrication: Mobilith SHC PM 460

Internal Bearing NO: SKF 22322 CC/C3 W33

Replaced: Yes

Fit OD: 9.4485"

Fit ID: 4.326"

Locknut & Washer: AN 22, W22

Seals: N/A

Lubrication: Mobilith SHC PM 460

Reassembly;

Rotation Assured: Yes

Run-Out;

Front: .002"

Rear: .001"
Finish Grind Dimensions: See Report

Crown: Straight

Dub:

Air Seals Bleed Down: Air tested for 15 min. no bleed down

Recommendations For Future Service:

1 Repair Front Head Fit

2 Suction Box Needs to be sandblasted and painted

3

Project Supervisor: Tim Davish