**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>201036 OF</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&quot;</td>
</tr>
<tr>
<td><strong>Face:</strong></td>
<td>200 1/2&quot;</td>
</tr>
<tr>
<td><strong>Drilled Face:</strong></td>
<td>187 3/4&quot;</td>
</tr>
<tr>
<td><strong>Roll Identification:</strong></td>
<td>#202</td>
</tr>
<tr>
<td><strong>Shop Order NO:</strong></td>
<td>5355</td>
</tr>
<tr>
<td><strong>Date Shipped:</strong></td>
<td>5/4/2010</td>
</tr>
</tbody>
</table>
### Disassembled:

<table>
<thead>
<tr>
<th>Component</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Head</td>
<td>Yes</td>
</tr>
<tr>
<td>Drive Head</td>
<td>Yes</td>
</tr>
<tr>
<td>Suction box</td>
<td>Partial</td>
</tr>
</tbody>
</table>

### Shell:

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shell Material</td>
<td>Bronze Rubber</td>
</tr>
<tr>
<td>Shell Thickness</td>
<td>1 3/16”</td>
</tr>
<tr>
<td>Rubber Thickness</td>
<td>5/8” New Cover</td>
</tr>
<tr>
<td>Hole Pattern</td>
<td></td>
</tr>
<tr>
<td>Cleaned</td>
<td>Water blasted by Hy-Blast</td>
</tr>
<tr>
<td>Studs &amp; Holes</td>
<td>New Studs Holes are in Good Condition</td>
</tr>
<tr>
<td>Bore Profile</td>
<td>33.372” front 33.460” center 33.352” rear</td>
</tr>
</tbody>
</table>

### Journals:

<table>
<thead>
<tr>
<th>Component</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Box Journal</td>
<td>Good Condition</td>
</tr>
<tr>
<td>Rear Journal</td>
<td>Good Condition</td>
</tr>
<tr>
<td>Internal Journal</td>
<td>Good Condition</td>
</tr>
</tbody>
</table>
Suction Box:

**Cleaned:** Water blasted by Hy-Blast

**Painted:** No

**End Deckles Assemblies:** checked and move freely

- **End Deckles:** replaced
  - **Drawing NO:** Coldwater

- **Maximum Opening:** 187 1/2"
- **Minimum Opening:** 172 1/2"

- **Sealing Strips:** replaced
  - **Drawing NO:** Coldwater

**Sealing Strip Loading:**

- **Air Tubes:** New
- **Springs:** NA

  - **Grease Lines:** good condition no leaks
  - **Air Lines:** good condition no leaks

**Lubricating Shower:** Cleaned and tested

**Cleaning Shower:** Cleaned and tested

**Skid block Assembly:** Good condition
Housings;

**Front Housing:** Checked and cleaned

**Bearing Fit:** 23.617”

**Damage:** None found

**Rear Housing:** Good

**Bearing Fit:** 23.625”

**Damage:** None found

**Painted:** Yes

Heads;

**Front Head:** Good condition

**Shim Pack:** Straight fit

**Shell:** 33.329

**Head:** 33.347”

**Damage:** None found

**Rear Head:** Good

**Shim Pack:** Not required

**Shell:** 33.321

**Head:** 33.332”

**Damage:** None found

Bearings:

**Front Bearing NO:** 23080 ACAMP55W509 Z NSK
Replaced: yes

Fit: 15.742"

Bench Clearance: 0.0145

Mounted Clearance:

Locknut & Washer: NA

Seals: NA

Lubrication: Mobilith SHC PM 460

Rear Bearing NO: 23080 ACAMP55W509 Z NSK

Replaced: yes

Fit: 15.751"

Bench Clearance: 0.012

Mounted Clearance:

Locknut & Washer: NA

Seals: NA

Lubrication: Mobilith SHC PM 460

Internal Bearing NO: 22322 EAE 4 C3 NSK

Replaced: yes

Fit OD: 9.447"

Fit ID: 4.330"

Locknut & Washer: AN-22/W22

Seals: NA

Lubrication: Mobilith SHC PM 460

Reassembly;

Rotation Assured: Yes
Run-Out;
   Front: .001"
   Rear: .001"

Finish Grind Dimensions;
   Crown:
   Dub:

Air Seals Bleed Down: Tested 13 PSI 15 Min.

Recommendations For Future Service;

1 Sealing strip holders show deterioration
2
3

Project Supervisor: __________________________