



2380 Hamilton Eaton Road  
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## Suction Roll Service Report

**Customer:** Appleton

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**Customer PO:** 254396 ON

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**Roll Position:** Suction Couch

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**Manufacturer:** Beloit

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**Diameter:** 37 1/16"

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**Face:** 201.5"

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**Drilled Face:** 188"

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**Roll Identification:** #226 #92 PM

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**Shop Order NO:** 6261

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**Date Shipped:** 4/28/2011

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## Disassembled;

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

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

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**Suction box:** Suction box removed

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## Shell;

**Shell Material:** Brass with Rubber Cover

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

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**Rubber Thickness:** 1/2"

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**Hole Pattern:** 38

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

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

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

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## Journals;

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

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

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**Internal Journal:** Good 2.9965" diameter

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## Suction Box;

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

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**Painted:** No

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**End Deckles Assemblies :** Work freely and in good condition.

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**End Deckles:** Replaced with new Cold Water

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**Drawing NO:** A13-002-2

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**Maximum Opening:** 188"

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**Minimum Opening:** 171 1/2"

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**Sealing Strips:** Replaced with new Cold Water

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

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**Sealing Strip Loading;** Air tubes replaced all lines cleaned out.

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**Air Tubes:** New tubes installed

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**Springs:** NA

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**Grease Lines:** Cleaned and checked good

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**Air Lines:** Checked out good no leaks

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**Lubricating Shower:** Cleaned out an inspected no leaks

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**Cleaning Shower:** Cleaned out an inspected no leaks

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**Skid block Assembly:** Good

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## **Housings;**

**Front Housing:** Housing in good condition.

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**Bearing Fit:** 23.617" ID housing

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**Damage:** No damage found

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**Rear Housing:** Visual inspection good condition

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**Bearing Fit:** 23.625 ID

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**Damage:** None found

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**Painted:** Yes epoxy Vista Green

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## Heads;

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**Front Head;** Removed shim pack to obtain proper fit on head to st

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**Shim Pack:** Shims removed at assembly.

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**Shell:**

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**Head:**

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**Damage:** No damage found in visual inspection

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**Rear Head;** Good Condition

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**Shim Pack:** N/A

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**Shell:** 33.320

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**Head:** 33.328

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**Damage:** No damage found in visual inspection

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## Bearings:

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**Front Bearing NO:** SKF 23080 CAC/C03 W509

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**Replaced:** Yes

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**Fit:** 15.743" Diameter

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<b>Bench Clearance:</b>	0.014
<b>Mounted Clearance:</b>	
<b>Locknut &amp; Washer:</b>	
<b>Seals:</b>	N/A
<b>Lubrication:</b>	Mobilith SHC PM 460
<b>Rear Bearing NO:</b>	SKF 23080 CAC/C
<b>Replaced:</b>	Yes
<b>Fit:</b>	15.751" diameter
<b>Bench Clearance:</b>	Stright Fit
<b>Mounted Clearance:</b>	N/A
<b>Locknut &amp; Washer:</b>	N/A
<b>Seals:</b>	N/A
<b>Lubrication:</b>	Mobilith SHC PM 460
<b>Internal Bearing NO:</b>	SKF 22322 CC/C3 W33
<b>Replaced:</b>	Yes
<b>Fit OD:</b>	9.4485"
<b>Fit ID:</b>	4.326"
<b>Locknut &amp; Washer:</b>	AN 22, W22
<b>Seals:</b>	N/A
<b>Lubrication:</b>	Mobilith SHC PM 460

## Reassembly;

<b>Rotation Assured:</b>	Yes
<b>Run-Out;</b>	
<b>Front:</b>	.002"
<b>Rear:</b>	.001"

**Finish Grind Dimensions;** See Report

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**Crown:** Straight

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**Dub:**

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

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## **Recommendations For Future Service;**

**1** Repair Front Head Fit

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**2** Suction Box Needs to be sandblasted and painted

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**3**

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**Project Supervisor:** Tim Davish

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