



2380 Hamilton Eaton Rd  
Hamilton, Ohio 45011  
Phone 513/895-7200  
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## Suction Roll Service Report

**Customer:** Appleton

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**Customer PO:** 201036 OF

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**Roll Position:** Suction Couch

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**Manufacturer:** Beloit

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**Diameter:** 37"

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**Face:** 200 1/2"

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**Drilled Face:** 187 3/4"

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**Roll Identification:** #202

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**Shop Order NO:** 5355

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**Date Shipped:** 5/4/2010

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## Disassembled;

**Front Head:** Yes

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**Drive Head:** Yes

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**Suction box:** Partial

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## Shell;

**Shell Material:** Bronze Rubber

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**Shell Thickness:** 1 3/16"

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**Rubber Thickness:** 5/8"      New Cover

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**Hole Pattern:**

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

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**Studs & Holes:** New Studs Holes are in Good Condition

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**Bore Profile:** 33.372" front 33.460" center 33.352" rear

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## Journals;

**Suction Box Journal:** Good Condition

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**Rear Journal:** Good Condition

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**Internal Journal:** Good Condition

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## Suction Box;

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

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**Painted:** No

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

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**End Deckles:** replaced

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**Drawing NO:** Coldwater

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**Maximum Opening:** 187 1/2"

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**Minimum Opening:** 172 1/2"

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**Sealing Strips:** replaced

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**Drawing NO:** Coldwater

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**Sealing Strip Loading;**

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**Air Tubes:** New

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**Springs:** NA

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**Grease Lines:** good condition no leaks

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**Air Lines:** good condition no leaks

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**Lubricating Shower:** Cleaned and tested

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**Cleaning Shower:** Cleaned and tested

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**Skid block Assembly:** Good condition

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## Housings;

**Front Housing:** Checked and cleaned

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**Bearing Fit:** 23.617"

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**Damage:** None found

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**Rear Housing:** Good

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**Bearing Fit:** 23.625"

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**Damage:** None found

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**Painted:** Yes

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## Heads;

**Front Head;** Good condition

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**Shim Pack:** Straight fit

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**Shell:** 33.329

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**Head:** 33.347"

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**Damage:** None found

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**Rear Head;** Good

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**Shim Pack:** Not required

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**Shell:** 33.321

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**Head:** 33.332"

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**Damage:** None found

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## Bearings:

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

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**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:**