UNITEC Sheave Guards for Hollister-Whitney Overhead Machines
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Job Planning Notes

All sheave guards sold through UNITEC Parts Company should not be expected to bolt up to every single vintage machine in the application selected, e.g. 74 Hollister Whitney machine.

You should always plan on some time for properly fitting the guard. This process may include notching some steel, drilling some extra holes, cutting some members, and removing some material.

Under no circumstances will UNITEC imply that these guards are universal in nature in order to fit every machine in the family. They will get the installer 95% of the way there. The mechanic must 'finish' the engineering and fitting locally.

![Figure 1: Hollister Whitney No. 74 Machine Guard Shown](image)

**Table 1: Standard Machine Guards**

<table>
<thead>
<tr>
<th>Hollister Whitney Machine Model</th>
<th>Base Guard Part Number w/o Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>#34</td>
<td>AAA384ARH2</td>
</tr>
<tr>
<td>#53/54</td>
<td>AAA384AQZ2</td>
</tr>
<tr>
<td>#63/64</td>
<td>AAA384ARD2</td>
</tr>
<tr>
<td>#43/44</td>
<td>AAA384ARE2</td>
</tr>
<tr>
<td>#74</td>
<td>AAA384ARF2</td>
</tr>
</tbody>
</table>

**NOTE:** Guards in Table 1 come standard without lubricator, shelf brackets, and lubricator devices. These items can be ordered separately from UNITEC.

For optional lubricators and lubricator shelf brackets, see pages 4 and 9.
GENERAL SAFETY

FOLLOW ALL SAFETY PROCEDURES

- Lock and tag the main line disconnect.
- Test and verify that power has been removed from the machine.
- Test and verify the proper operation of the safety devices.
- Establish a clear and concise communication method to use for running the machine.

It is the supervisor's responsibility to ensure that the new equipment is in accordance with all applicable safety codes. Please refer to ASME A17.1 or CAN/CSA B44 and applicable codes for clearance requirements.
NOTE: Rope life and rope "grease" build-up is directly related to how your hoist ropes are lubricated.
STEP 9: INSTALL TOP COVER

1. SLIDE TOP COVER ASSEMBLY OVER EDGES OF PEDESTAL AND GEAR BOX PLATES.

2. INSTALL 1/4" WING SCREWS.

NOTE: FOR EASE OF REMOVAL AND INSTALLING, COVER HAS BEEN SLOTTED.

3. TO REMOVE COVER LOOSEN WING SCREWS AND LIFT COVER OFF.
FOR W/O ROPE GRIPPER APPLICATION

STEP 1: INSTALL ROPE GUARD

1. FASTEN TOP OF ROPE GUARD CHANNEL TO ARC SLOT IN LUBRIGUARD
   SIDE PLATES USING 1/4" HARDWARE. (INSET SIDES)

2. FASTEN BOTH SLOTS IN ROPE GUARD TO HORIZONTAL BRACKETS
   (LEFT AND RIGHT) USING 1/4" HARDWARE

3. VERIFY THAT ROPE GUARD IS PARALLEL WITH ROPE. BOTTOM END OF
   TOP END MUST BE ADJUSTED TO ACCOMMODATE LENGTH CHANGES DUE
   TO DEFORMATION ANGLE OF ROPE FROM WAVE.
STEP 12. INSTALL LUBRICATOR (if ordered)

1. Prior to installing lubricator, remove paint from the back of the mounting tab on the lubricator and electrically ground the lubricator to the machine with a ground. Details are provided on the instruction sheet supplied with the lubricator.

2. Place lubricator on shelf and fasten with 1/4" hardware as shown.

3. In order to obtain proper contact between the lubricator felt and the ropes, adjust the lubricator position by moving it in and out from the ropes. Installed properly, the rope will wick oil through from felt even with no physical contact.

### Lubricator Option

<table>
<thead>
<tr>
<th>Hollister-Whitney Machine Type</th>
<th>Lubricator P/N</th>
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<tbody>
<tr>
<td>#53/54</td>
<td>AAA508AH3</td>
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<tr>
<td>#63/64</td>
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<td>#43/44</td>
<td>AAA508AH2</td>
</tr>
<tr>
<td>#34</td>
<td>AAA508AH1</td>
</tr>
<tr>
<td>#74</td>
<td>AAA508AH4</td>
</tr>
</tbody>
</table>
FOR ROPE GRIPPER APPLICATION

SHORT ROPE GUARD OPTION

STEP 12: INSTALL SHORT ROPE GUARD

THIS GUARD USES WHEN MACHINE HAS A ROPE GRIPPER.

1. FASHER TOP OF ROPE GUARD CHANNEL TO ARC SLOT IN LUBRICATOR
   SIDE PLATES USING 1/4" HARDWARE - 2 SETS, BOTH SIDES.

2. BOTTOM END OF GUARD IS LAGER FITTED TO ACCOMMODATE
   ROPE GRIPPER DETAILS. SHORTER GUARD LENGTH AND MORE
   CLEARANCE TO ISOLATE TOP SURFACE OF ROPE GRIPPER
   TO ELIMINATE PINCH POINT.

NOTE:
THIS SHORT ROPE GUARD
DEALER REPLIES
TO HOLLISTER-WHITNEY
#74 MACHINE
INSTALLATION PROCEDURE
SAME AS STEP II

HARDWARE SHOWN ON ONE SIDE
OPPOSITE SIDE ARE HIDDEN.
### Appendix A: Part Numbers

The following table lists all part numbers this document mentions.

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Base Guard w/o Accessories, #34 Machine</td>
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<tr>
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<td>AAA384ARD2</td>
</tr>
<tr>
<td>Base Guard w/o Accessories, #74 Machine</td>
<td>AAA384ARF2</td>
</tr>
<tr>
<td>Lubricator Shelf, #34 Machine</td>
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</tr>
<tr>
<td>Lubricator Shelf, #43/44 Machine</td>
<td>AAA51BQ2</td>
</tr>
<tr>
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