

# TechTips

## For HAPPY HCH-701 Journey machine

### Oiling Your Machine

#### **Purpose:**

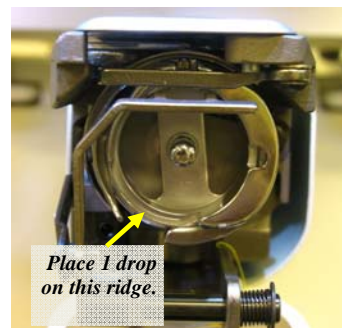
Daily and weekly oiling schedule for the machine.



#### **“Daily” Oiling**

Oil should be applied to the rotary hook at the point shown by the yellow arrow in the photo, below, right.. Since the oiling point for the hook is exposed whenever the bobbin case is removed, the oiling schedule for the hook can be based on how often the bobbin thread is replaced:

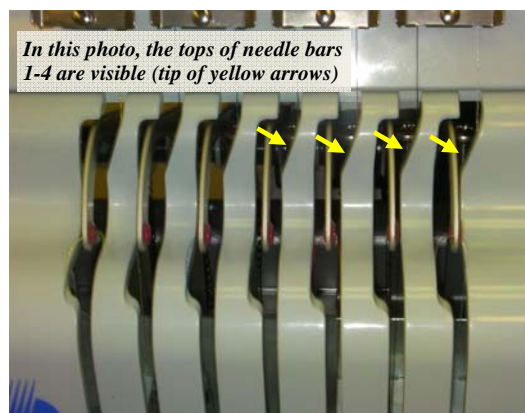
- **If running the machine nonstop** in an 8-hour period, oil the hook every **2-3 bobbin changes**.
- **If running the machine light duty** (not nonstop) during an 8-hour period, oil the hook every **4-5 bobbin changes**.



#### **“Weekly” Oiling**

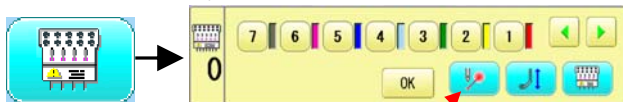
The service points shown in this section should be oiled every 40 hours of machine operation. For example, if the machine is run only 10 hours per week, these points should be oiled every 4 weeks.

1. **Needle Bars:** As seen in the photo on the right, access the needle bars through the front of the take-up lever slot. Place a single drop of oil on the side of each of the 7 needle bars.



2. **Reciprocator** – the part that grabs the needle bar to make it move up and down, is difficult to reach. To make it accessible, there is a channel/groove leading to the reciprocator that will allow oil to slowly flow to it. A yellow-painted “funnel” is cut at the near end of this groove, to allow the operator to feed oil to the reciprocator. To access this “funnel”, follow these steps:

- a. **Move the head to the laser pointer position.** In the main drive screen, press the button shown below left to go to the needle select menu. Then select the laser pointer to move the head all the way to the left.



- b. **The oiling “cup” or “funnel” should now be visible.** See the photo on the right. Apply 2-3 drops of oil as shown by the red arrow inside the yellow-painted cup every 40 hours of machine operation.

