FCO CA11455: Replacing the Automatic Lubricator

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Product

Kodak® ThermoFlex® Wide II

Machines affected	Serial numbers WTB002, WTB004 to WT014

Background

An automatic lubricator on early model ThermoFlex Wide II devices was supposed to provide lubrication to the needle roller bearing. This automatic lubricator does not always work. In some cases, it does not provide any lubrication to the bearing. Lack of lubrication could result in premature failure of the bearing.

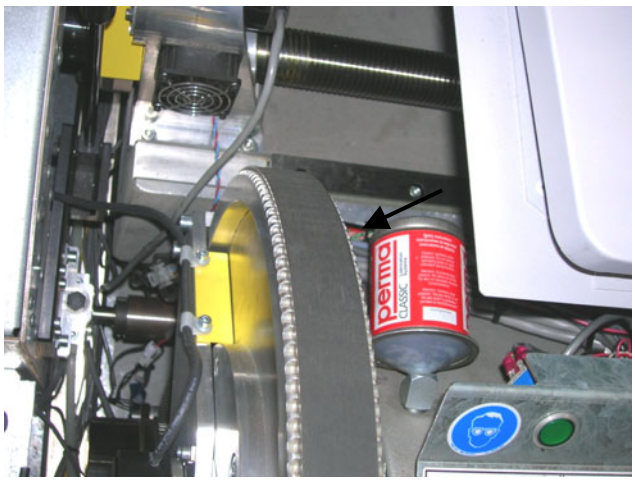
Solution

Replace the automatic lubricator with a grease fitting and manually lubricate the bearing every six months.

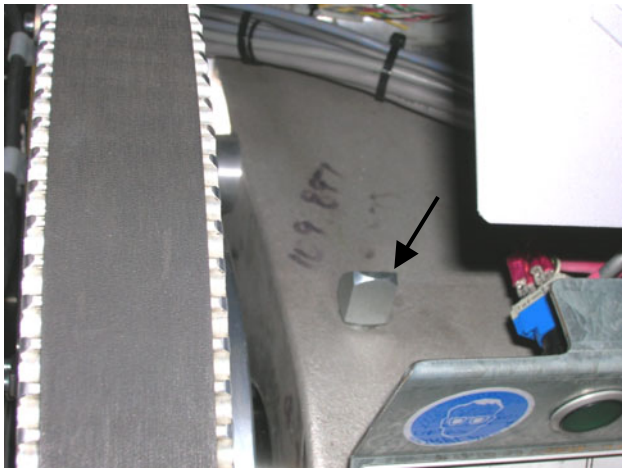
Time required	15 minutes
Parts required	518-02004A Headstock Bearing Greasing Kit
Supplies and tools required	• Grease cartridge: heavy duty, lithium-based, extreme pressure, petroleum grease — Do *not* use *synthetic* grease. 400g (14-14.5oz) Chevron Ulti-Plex® EP, Shell Albida HD2 or equivalent • Combination wrenches 11mm (7/16 in.) and 16mm (5/8 in.)

Procedure

1. To gain access to the headstock, open the table and the front panel.
2. Turn the drum brake switch to the **Brake Override** position.
3. Locate the automatic lubricator, unscrew it, and remove it.



4. Remove the small adapter that connects the automatic lubricator to the headstock.



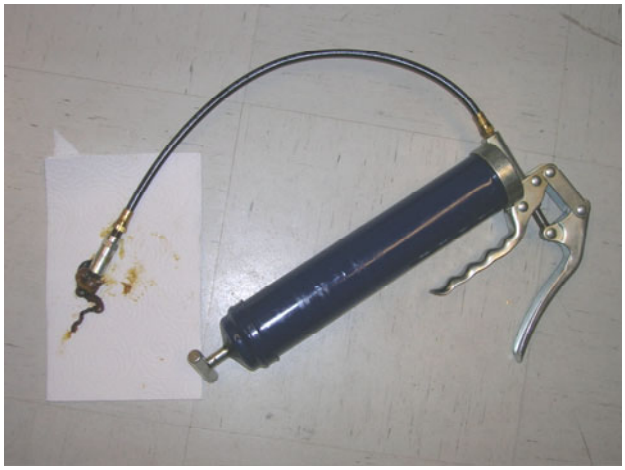
5. Thread the grease fitting into the port and tighten.

   Note: Be very careful not to get any debris or any other foreign material into the port. Do not over-tighten the fitting



6. Load a grease cartridge into the grease gun if necessary.

7. On a paper towel or scrap rag, pump the handle of the grease gun until it starts to discharge grease. Continue pumping until the grease discharges steadily without air pockets.



8. Wipe the end of the grease gun connector clean. Push the connector onto the grease fitting until it snaps into place—you may have to push quite hard.

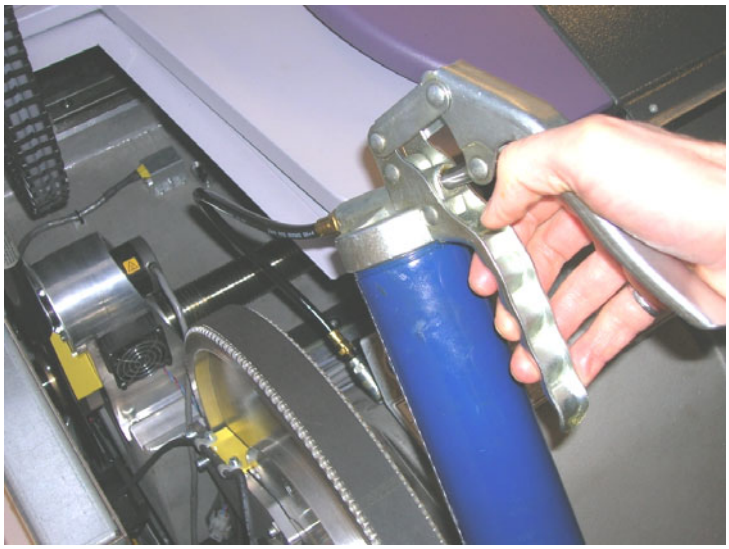


9. Pump one stroke of the handle and then rotate the drum 180 degrees.
Pump another stroke, and rotate the drum another 180 degrees in the same direction.
Repeat until you have pumped a total of 4 strokes of grease separated by 180 degrees.

   Note: During this process, ensure that the grease gun is actually pumping grease for the full stroke on each stroke. You can tell that it is pumping if you feel constant resistance on the handle or trigger.

   When the grease gun encounters an air pocket, you will feel very little resistance. If this happens at any time while the grease gun is connected to the fitting:

   - Disconnect the grease gun from the fitting.
   - Discharge some grease until it flows steadily.
   - Reconnect the grease gun to the fitting.
   - Continue greasing.



10. It is normal for grease to come out of the headstock where the shaft exits the casting (near the drum pulley). Use a rag to clean off any grease that comes out.

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