

14 TELETYPEWRITER BASE

LUBRICATION

1. GENERAL

1.01 This section contains the lubrication procedures for the 14 teletypewriter base. This section, and the section covering the teletypewriter general lubrication procedures, provide the complete lubrication information for the maintenance of this base.

2. PARTS TO BE LUBRICATED

2.01 The following parts shall be lubricated with oil.

(a) General: Both loops of all helical springs that exert a nominal tension of less than 2-1/2 pounds.

(b) Base:

(1) Keyboard-shaft bearings: Two oil-cups or receiving-only gear bearing: One oil-cup.

(2) Driven clutch: Apply two drops of oil through coils of spring.

(3) Intermediate pawl: Pivot.

(4) Trip-off pawl: Pivot and surface bearing on trip-off pawl eccentric.

(5) Clutch lever: Two bearings.

(6) Locking loop: Two bearings.

(7) Locking-loop roller: One bearing.

(8) Tape-feed-roll lever: Two side bearings.

(9) Locking levers: Five or six bearings.

(10) Contact levers: Apply one drop of oil on each lever on the side toward the cam cylinder so that it will run down on the pivot bearing.

(11) Spacer-bar loop: Three or four bearings.

(12) Repeat space or repeat S yoke: Apply one drop of oil at each bearing and point of contact.

(13) Tape-out bell hammer extension: Point of contact with pin on fibre gear.

(14) Tape-out bell hammer: Bearing points.

(15) Tape-out bell locking pawl: Pivot bearing.

(16) Tape lever: Pivot bearing.

Note: (17) to (22) inclusive should be lubricated with the base turned on its back and the base plate removed.

(17) Key-lever shaft: Apply one drop of oil on shaft at each of four equidistant points.

(18) Universal bar: Two pivots.

(19) Selector-bar rollers: Ten bearings.

(20) Key levers: Surfaces which rub against selector bars. Oil to be applied to key levers just in front of selector bars so that oil will run down and lubricate surfaces which rub on selector bars.

(21) Locking-lever adjusting screw of electric end of line indicator: Face which bears against key lever.

(22) Selector bars: At guide brackets.

(c) Motor Control on Upper Case H Mechanism (Relay Unit in Base): One drop of oil should be applied to the bearing points of each of the following:

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- (1) Start-magnet armature and locking lever.
- (2) Stop-magnet armature.

CAUTION: WHEN LUBRICATING THE PIVOT POINTS OF THE MOTOR-STOP UNITS, CARE SHOULD BE EXERCISED TO AVOID GETTING OIL BETWEEN THE ARMATURE AND CORES, SINCE OIL AT THESE POINTS MAY CAUSE TROUBLE.

2.02 The following parts shall be lubricated with grease.

(a) General: Both loops of all helical springs that exert an average tension of 2-1/2 pounds or more.

(b) Base:

(1) Sending-shaft gear.

(2) Sending cams: Outer surfaces. Remove all but light film of grease.