# 35 MULTIPLE WIRE DISTRIBUTOR

## LUBRICATION

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### 1. GENERAL

1.01 Lubricate the multiple wire distributor as directed in this section. The figures indicate points to be lubricated, and the kind and quantity of lubricant to be used. Lubricate the unit just prior to placing it in service. Re-lubricate after a few weeks in service to make certain that all points have received attention. Thereafter, follow the schedule outlined below:

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<th>Operating Speed</th>
<th>Lubrication Interval</th>
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<td>60 WPM</td>
<td>3000 hours or 1 year *</td>
</tr>
<tr>
<td>75 WPM</td>
<td>2400 hours or 9 months *</td>
</tr>
<tr>
<td>100 WPM</td>
<td>1500 hours or 6 months *</td>
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* Whichever occurs first.

1.02 Use KS7470 oil at all locations where the use of oil is indicated. Use KS7471 grease on all surfaces where grease is indicated.

1.03 All spring wicks and felt oilers should be saturated. The friction surfaces of all moving parts should be thoroughly lubricated. Over-lubrication, however, will permit oil or grease to drip or be thrown on other parts, and should be avoided. Special care must be taken to prevent any oil or grease from getting between the armature and its magnet pole faces or between electrical contacts.

1.04 The illustration symbols indicate the following lubrication directions:

- O Apply 1 drop of oil.
- O2 Apply 2 drops of oil.
- O3 Apply 3 drops of oil.
- G Apply thin film of grease.
- SAT Saturate (Felt oilers, washers, wicks) with oil.
2.01 Clutch Trip-Magnet Mechanism

SAT  Felt Oilers
SAT  Felt Wick
O    Hooks - Each End
O    Hooks - Each End
G    Cam Surface
G    Stop Surface
G    Stop Surface
SAT  Felt Oiler
O    Hooks - Each End

Armature Hinge
Spring
Spring
Spring
Clutch Disk
Clutch Latch Lever
Clutch Trip Lever
Trip Lever Shaft
Spring
2.02 Contact Lever Assembly

- **O** Hooks - Each End (10) Spring
- **G** Pivot Points (10) Distributor Block
- **G** Pivot Points (10) Cam Follower
- **G** Pivot Points (10) Distributor Block
- **O** Hooks - Each End (10) Spring
- **O2** Bearing Surfaces (10) Contact Lever
- **O** Hooks - Each End (10) Compression Spring

2.03 Cam Sleeve Assembly

- **O4** Internal Mechanism Clutch
- **SAT** Felt Oilers (9) Cam Assembly
- **O4** Oil Holes (2) Cam Shaft
- **O2** Cams (11) Cam Shaft