CLOTHING, REPAIR SHOP, TRAILER MTD, ARMY MODEL SPV34, YORK ASTRO MODEL D8700337, TEXTILE REPAIR SHOP, TRAILER MTD, ARMY MODEL SPV35, YORK ASTRO MODEL D8700447, MACHINE, SEWING, DARNING SINGER MODEL 47W70

Reference LO 10-3530-203-10-1 and 2, C9100-IL

Intervals are based on normal hours of operations. Reduce to compensate for abnormal operations and severe conditions. During inactive periods sufficient lubrication must be performed for adequate preservation.

**LUBRICANT-INTERVAL** 

Clean parts with SOLVENT dry cleaning. Dry before lubricating.

INTERVAL-LUBRICANT

Apply two to three drops of LO at each friction point unless otherwise noted.

#### Lubrication Points For LO Face Are Shown Below LO Arm Shaft Hook Drive Shaft LO Arm Shaft LO Hook Drive Shaft Bobbin Case Oiling Felt LO LO (See Note 1) LO **Bobbin Winder Frame** Thread Hook Bevel LO 250 Gear and Pinion Gear LO **Bobbin Winder** 250 Frame Hinge Motor **GAA** HEAD ASSEMBLY (FRONT) AND MOTOR (See Note 2) **GAA Motor** (See Note 2) Presser Bar Bushing LO LO Presser Bart Lifting Crank Presser Bar Lifting LO Fork Bushing Needle Bar LO Connecting Stud Takeup Lever Hinge LO Oil Packing Stud Oil Packing Needle Bar Bushing Takeup Lever Drive LO LO FACE DETAIL LO Presser Bar Bushing Stud

--KEY--

	LUBRICANTS	EXPECTED TEMPERATURES	INTERVALS	
LO	Lubricating Oil, General Purpose	all temperatures	Intervals given are in hours of normal	
GAA	Grease, Automotive and Artillery	all temperatures	operation.	

#### NOTES:

- 1. BOBBIN CASE OILING FELT. Keep felt pad on the side of the bobbin case to lubricate the hook race. When this pad is wet with oil it appears nearly black; when it appears light green it is dry. Check pad for oil each time a bobbin is replaced and oil if necessary.
- 2. MOTOR. Lubricate oil points with two or three drops of L.O. every 4 hours. Fill grease cups as necessary with GAA grease. Turn grease cups clockwise three turns every 250 hours.

Copy of this Lubrication Order will remain with the equipment at all times; instructions contained herein are mandatory.

BY ORDER OF THE SECRETARY OF THE ARMY:

HAROLD K. JOHNSON, General, United States Army Chief of Staff.

OFFICIAL:

J. C. LAMBERT, Major General, United States Army, The Adjutant General.

LO 10-3530-203-10-3 DISTRIBUTION: Active Army: USASA (1); DCSLOG (1); CNGB (1); CAR (1); USAMC (12); USACDCEC (10); USAMOCOM (2); USAWECOM (5); USAMICOM (5); USAMICOM (5); USAECOM (5); USASMC (1); USCONARC (2); CofEngrs (6); CofSptS (1); Dir of Trans (1); CC-E (1); ARADCOM 12); ARADCOM (2); OS Mai Comd (3); LOGCOMD (1); MDW (1); Armies (5); NLAIIS (4); USASPTCP (10); USAMEC 146); Svc Colleges (2); Br Svc Sch (2) except USAQMS (10); USAOMTC (4); Mbl Equip Moa Fid Ofc (Ft Lee) (2); USMA (1); A Dep (4); POE (2); USA Tml Comds (2); Army Tml (2); Arsenals (2); PG (2); Instl (2); QM Fld Maint Shops (2); Ft Knox Fld Maint Shops (10). Units org under fol TOE: (2 copies each); 10-105, 10-107, 10-445, 10-448, 10-500, 29-114, 29-124 and 29-206. NG: State AG (3). USAR: Same as Active Army except allowance is one copy to each unit. For explanation of abbreviations used, see AR 320-50.

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