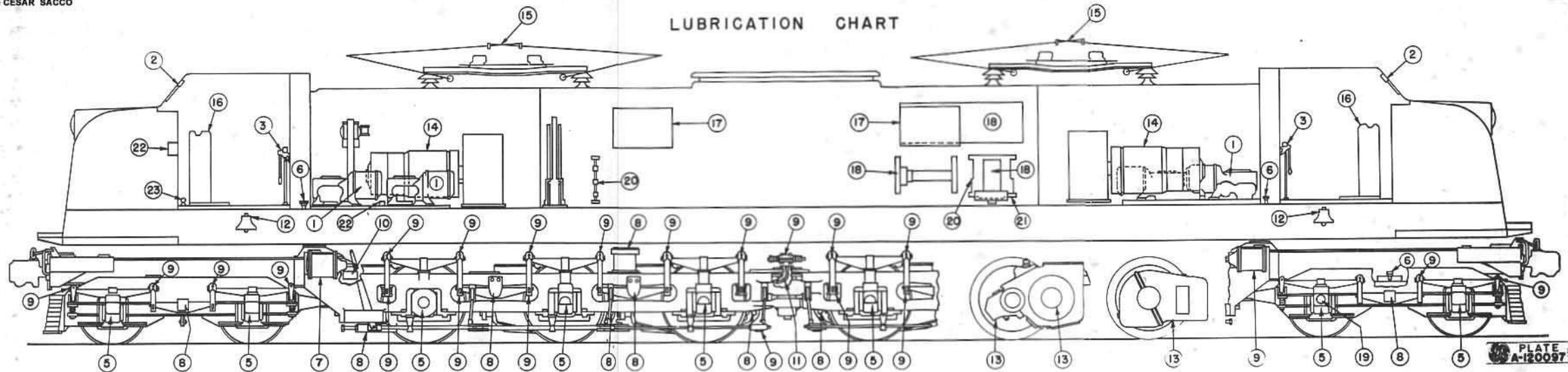


LUBRICATION CHART

PLATE
A-120097

MECHANICAL

		TRIP	2,500	5,000	10,000	30,000	60,000	120,000	OVERHAUL
1 AIR COMPRESSORS AND EXHAUSTERS	CRANKCASE. Check oil level $\frac{1}{8}$ to $\frac{1}{2}$ inch below top of filling elbow. Drain oil and refill. Galena compressor oil or equivalent.	✓				✓			
2 WINDSHIELD WIPER	Remove, clean and oil with automotive machine oil.						✓		
3 HAND BRAKE	Few drops car oil.					✓			
4 LATCHES AND HINGES	Machine oil.							✓	
5 JOURNAL BOXES	HUB BEARING. Car journal oil at top of box. Car journal oil. Do not fill to overflowing. Loosen packing with packing hook.	✓							
6 CENTER PLATE CUPS	Fill with car oil. Galena Electric car oil or equivalent.					✓			
7 AIR BRAKES	Follow instructions under air brakes and railroad practice.								
8 TRUCK AND RUNNING GEAR	BRAKE RIGGING PINS EQUALIZER PINS GUIDING TRUCK RESTRAINT ARTICULATION RESTRAINT CAB LOADING PADS Grease fittings (57) with Texaco Marfax No. 1 or equivalent	✓							
9 TRUCK AND RUNNING GEAR	BRAKE RIGGING PINS SPRING SHACKLE PIN Good grade car oil; Galena Electric car oil or equivalent	✓							
10 SPEED RECORDER PULLEY GEAR BOX	Fill with SAE-40 machine oil							✓	
11 ARTICULATION PIN CUP	Fill with car oil					✓			
12 BELL RINGER	Few shots from a squirt can. Use light machine oil.					✓			

ELECTRICAL

		TRIP	2,500	5,000	10,000	30,000	60,000	120,000	OVERHAUL
13 TRACTION MOTORS	COMMUTATOR END BEARING. 22 oz G-E Ball Bearing Grease (EWN-6) (D6A2A1) PINION END BEARING. 32 oz G-E Ball Bearing Grease (EWN-6) (D6A2A1) ARMATURE BEARING, COMMUTATOR END. 2 oz G-E Ball Bearing Grease (EWN-6) (D6A2A1) ARMATURE BEARING, PINION END. 4 oz G-E Ball Bearing Grease (EWN-6) (D6A2A1) MOTOR AXLE BEARINGS. Fill axle caps with a good grade electric car oil, using a pressure gage. GEAR CASE. Initial filling 20 lb good grade of gear grease. GEAR CASE. Keep gear teeth covered with good grade of gear grease. inspect and add grease if necessary. AXLE BEARINGS. Repack waste pockets with long fiber all-wool waste treated with oil.	✓							
14 MOTOR-GENERATOR SET	MOTOR END BEARING. 11 oz G-E Ball Bearing Grease (EWN-6) (D6A2A1) GENERATOR END BEARING. 13 oz G-E Ball Bearing Grease (EWN-6) (D6A2A1) ARMATURE BEARINGS. 1 1/2 oz G-E Ball Bearing Grease (EWN-6) (D6A2A1) WEAR-SHOES. Cover with graphite grease, Dixon No. 1924 or equivalent. WEAR-SHOE SPRINGS. Small amount of graphite grease, Dixon No. 1924 or equivalent. FRAME JOINTS. Good grade car oil.	✓							
15 PANTOGRAPH COLLECTOR	MAIN ROLLER BEARINGS. Pack with Flske Lubriplate No. 1 or equivalent. SPRING CABLE CHAINS. Clean in kerosene and oil with car oil. Cover with good grade of grease. AIR CYLINDERS. Clean and oil with Dixon Air-Cylinder Lubri-cant.	✓							

ELECTRICAL - cont'd

		TRIP	2,500	5,000	10,000	30,000	60,000	120,000	OVERHAUL
16 CONTROLLER	CAM ROLLERS. Few drops of machine oil. CAM. Apply thin film of vaseline or equivalent on contacts. BEARINGS. Top bearings - a few drops of good grade machine oil. Bottom bearings - pack in G-E Ball Bearing Grease (EWN-6) (D6A2A1).	✓							
17 PNEUMATIC CONTACTORS	OIL HOLE. Few drops G-E PC No. 1 oil. AIR-CYLINDER PISTON LEATHERS. Soften leathers with G-E PC No. 1 oil. AIR CYLINDER. Apply thin film G-E PC No. 2 grease to piston walls.	✓							
18 REVERSER AND M. E. SWITCHES	GEAR SEGMENTS. Apply thin film of good grade of grease. CAM. Apply thin film of good grade of grease. BEARINGS. Few drops of SAE-10 oil on each bearing. CAM ROLLERS. Few drops of SAE-10 oil. AIR-CYLINDER PISTON LEATHERS. Soften leather with G-E PC No. 1 oil. AIR CYLINDER. Apply thin film of G-E PC No. 2 grease to piston walls.	✓							
19 SPEEDOMETER GENERATOR	ARMATURE BEARING. 1/2 oz G-E Ball Bearing Grease (EWN-6) (D6A2A1).	✓							
20 KNIFE SWITCHES	HINGE PIN. Few drops SAE-10 oil. BLADES. Thin coat of vaseline or equivalent.	✓							
21 CONTROL DRUMS	SEGMENTS. Thin coat of vaseline or equivalent.	✓							
22 EXHAUSTOR AND COMPRESSOR GOVERNORS	MOVABLE PARTS. Light film of SAE-10 oil. NOTE: Do not get oil on rubber diaphragm.	✓							
23 PANTOGRAPH AIR PUMP	AIR-CYLINDER PISTON LEATHERS. Soften leathers with G-E PC No. 1 oil. AIR CYLINDER. Apply thin film of G-E PC No. 2 grease to piston walls. MOVABLE FRAME JOINTS. Few drops of light machine oil.	✓							