

GENERAL DATA	SW-1—600 HP Built Prior To January, 1945	SW-1—600 HP Built After January, 1945	NW-2—1000 HP Built Prior To January, 1945	NW-2—1000 HP Built After January, 1945
Model.....	SW-1	SW-1	NW-2	NW-2
Type.....	0-4-4-0	0-4-4-0	0-4-4-0	0-4-4-0
Engine.....	6-567	6-567A	12-567	12-567A
Generator.....	D-4A, D-4, D4D	D-4-D	D-4, D-4-D	D-4-D
Traction Motors.....	D-7	D-7	D-7	D-7
Weight—Fully Loaded (approx.).....	198,000 lb.	198,000 lb.	248,000 lb.	248,000 lb.
Weight On Drivers.....	100%	100%	100%	100%
Starting T.E. at 25% Adhesion.....	49,500 lb.	49,500 lb.	62,500 lb.	62,500 lb.
Number of Drivers.....	4 pr.	4 pr.	4 pr.	4 pr.
Wheel Diameter.....	40"	40"	40"	40"
Journal Size.....	6½" x 12"	6½" x 12"	6½" x 12"	6½" x 12"
Gear Ratio.....	62/15	62/15—65/12	62/15	62/15—65/12
Maximum Permissible Speed.....	45 MPH	45 MPH-50 MPH	60 MPH	60 MPH-50 MPH
Minimum Curve Radius.....	100 ft.	100 ft.	100 ft.	100 ft.
Fuel Oil Capacity.....	600 gal.	600 gal.	600 gal.	600 gal.
Lubricating Oil Capacity.....	85 gal. wet sump 65 gal. dry sump	124 gal. wet sump	125 gal. wet sump 100 gal. dry sump	165 gal. wet sump
Cooling Water Capacity.....	135 gal. full	151 gal. "G" valve 159 gal. full	200 gal. full	223 gal. "G" valve 253 gal. full
Sand Capacity.....	24 cu. ft.	24 cu. ft.	24 cu. ft.	24 cu. ft.
Length Over Coupler Pulling Faces.....	44' 5"	44' 5"	44' 5"	44' 5"
Height Over Cab.....	14' 5"	14' 4½"	14' 6¼"	14' 6¼"
Width Over Side Sills.....	10' 2"	10' 0"	10' 0"	10' 0"
Platform Height Above Rail.....	4' 7½"	4' 7½"	4' 8¼"	4' 8¼"
Truck Centers.....	22' 0"	22' 0"	22' 0"	22' 0"
Wheelbase—Truck.....	8' 0"	8' 0"	8' 0"	8' 0"

NOTE: D15A main generators and D27 traction motors are used in SW1 locomotives after December, 1949; in NW2 locomotives after August, 1949; and in SW2 locomotives after October, 1949.

LIST OF CHARTS

The charts listed below will be found grouped in numerical order following the text of the Manual.

- CHART I Fuel Oil System - 600 HP
- CHART II Fuel Oil System - 1000 and 1200 HP
- CHART III Lube Oil and Cooling System - 600 HP
- CHART IV Lube Oil and Cooling System - 1000 and 1200 HP
- CHART V Electrical Symbols
- CHART VI Wiring Diagram - 1000 and 1200 HP
- CHART VII Drains, Fillers, Clearances and Jacking Pads
- CHART VIII Tonnage Ratings