



11'-2-7/8"      8'-0"      22'-6"      8'-0"      11'-8-7/8"  
45'-5-3/4"

5'-2"      7'-0 1/2"      23 1/2"  
10'-0"      14'-6"

GENERAL DATA

1. Weight - Working Order	230,000 lbs.	CAPACITY (Continued)	
2. Horsepower	1000 H.P. @ 740 r.p.m.	27. Sand	27 cu.ft.
3. Tractive power @ 30% adhesion	69,000 lbs.	MISCELLANEOUS	
4. Ratio of Gears	16-75	28. Sanders	Graham-White
5. Maximum speed restriction	60 M.P.H.	29. Horn	Type A-1 Westinghouse Air Brake Co.
ENGINE		30. Bell Ringer	Transportation Devices Co.
6. Type	Alco Model No. 539, Four Cycle, Supercharged	31. Window Wiper	Hayes
7. Cylinders	6	32. Traction Motor Blower	B. F. Sturtevant Co.
8. Cylinders - bore and stroke	12 1/2" x 13"	33. Draft Gear	National
9. Displacement	9567 cu.in.	34. Coupler 6" x 8" semi-long A.A.R. Type "E" Top Operated	
ELECTRICAL	Multiple Unit Control	AIR BRAKE	
10. 1 GE Generator - Type G.T. 553A	Cont. Rat. 1350 Amp.	35. Schedule	Westinghouse Type EL-14
11. 1 GE Exciter - Type G.M.G. 139-A2	" " 65 "	36. Brake power	138,000 lbs.
12. 4 GE Motors Type G.E. 731D	" " 830 "	37. Pumps (Air compressor)	Westinghouse Type 3-CD
13. Control Equipment	G.E. Type P-Multiple Operation	38. Pump capacity at full engine speed	228 c.f.m.
14. Radiator Fan	G.E. 4-Blades, Aphonic	39. Reservoir capacity	67,800 cu.in.
15. Batteries	Exide 32 cell, KT35A	40. Hand Brake	Ajax
16. Lighting circuit	75 volts	TRUCKS	
17. Headlights	250 Watt, 32 volts	41. Type	Swivel Alco Center Bearing
TRACTIVE POWER		42. Axles	Journal dia. & length 7" x 14"
18. Starting	69,000 lbs.	43. Wheels	4 Pairs - rolled steel 40" dia.
19. 5 M.P.H.	50,500 "	44. Brake cylinders	4 - 10" x 10"
20. 10 M.P.H.	28,000 "	45. Side bearings	Plain Steel
21. 15 M.P.H.	20,000 "	46. Flange Oilers	Nathan S-2
22. 20 M.P.H.	15,200 "	LIMITING DIMENSIONS	
23. 25 M.P.H.	12,200 "	47. Maximum length	45' 5-3/4"
CAPACITY		48. Maximum width	10' 0"
24. Fuel	635 gals.	49. Maximum height	14' 6"
25. Cooling water	240 "	50. Minimum radius of curvature (Locomotive alone)	50'
26. Lubricating oil	80 "		