



GENERAL DATA

1. Cylinders, dia. x stroke	26-1/2" x 32"	29. Heating surface, tubes & flues	4401 sq.ft.
2. Valve Gear (equipped with needle brgs.)	Walschaert	30. " " Firebox, syphons, comb. chamber	573 " "
3. Valves, size and kind	14" dia. Piston	31. " " Total	4974 " "
4. " maximum travel	8"	32. " " Superheater	2180 " "
5. " steam lap	1-3/4"	33. " " Equivalent total	7941 " "
6. " exhaust clearance	1/8"	34. Grates - Hulson 150-1/8" x 102-1/4" area	106.7 " "
7. " lead in full gear	1/4"	35. Safety valves	4 - 3-1/2" Open Ashton
8. " out-off in full gear	78%	36. Brick arch, type	Security
9. Rated tractive power 85% M.E.P.	70,600 lbs.	37. Lubricators 2-DV-7-36 pints, 2-LBW, LB-3, Type S Nathan	
10. Ratio of adhesion (Wt. on drivers ÷ trac. power)	4.10	38. Stoker, type	Standard ET
11. Sharpest curve	16 deg.	39. Frames	G.S.C. Bed Type
WEIGHT		AIR BRAKE	
	Light		
12. Leading truck		40. Schedule	W.A.B. #8-ET G.O. 1H-60300
13. Driver, first		41. Brake Power, drivers	174,000 lbs. trailer 53,100 lbs.
14. " second		42. Pumps	2 - 8-1/2" CC Westinghouse 150-D
15. " third		AXLES	
16. " fourth		43. Leading truck	Timken Bearings 8-1/4" dia.
17. " total		44. Driving, main	" " 13-5/8" "
18. Trailing truck		45. Driving, other than main	" " 12-5/8" "
19. Total engine	459,000 lbs.	46. Trailing truck	" " 7-1/2" "
20. Tender, front truck	94,300 "	TENDER	
21. " back truck	84,200 "	47. Frame	G.S.C. Water Bottom
22. " total	178,500 "	48. Draft gear	Miner A-22-XB
23. Total Engine and Tender	637,500 "	49. Brake schedule	W.A.B. 16 x 10 Unit Class
BOILER		50. Brake Power	88% 157,000 lbs.
24. Working pressure, maximum	255 "	51. Truck, type	G.S.C. Swing motion, Center bearing
25. Firebox, length x width	150-1/8" x 102-1/4"	52. Axles	Timken Bearing 7" dia.
26. Tubes, No., O.D. & Gauge	42 - 2-1/4" #11 BWG	53. Wheels	Rolled Steel 36"
27. Flues, No., O.D. & Gauge	178 - 4" #10 BWG	54. Maximum width over cylinders	11' 1"
28. Tubes & Flues, length (over tube sheets)	21'-0"	55. " " " running boards	11' 0"