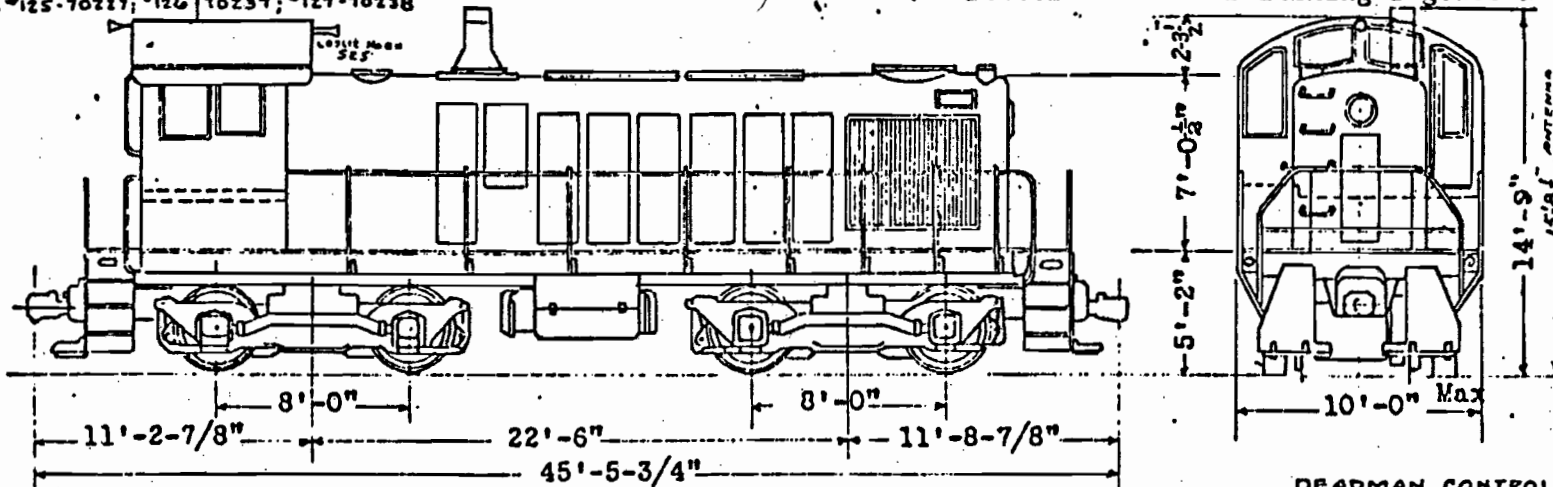


Built by 1943 American Locomotive Co.
 BUILD NO. 125-70227; 126-70237; 127-70238

Diesel Electric Switching Engines N

125,126,127
 Class DS-4



GENERAL DATA

J-16 RELAY VALVE, COBRA SHOES. V-145-1960,1961 DEADMAN CONTROL-1964
 RADIO EQUIPPED-1947

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 Walto
5. Maximum speed restriction	60 M.P.H.	29. Horn Leslie S-25 (Front) Type A-1	Westinghouse Air Brake Co.
ENGINE		30. Bell Ringer	Transportation Devices Co.
6. Type	McIntosh-Seymour #539 Four Cycle	31. Window Wiper	Hayes
7. Turbo Charger	Alco Type 39	32. Traction Motor Blower	B.F. Sturtevant Co.
8. Cylinders - bore and stroke	6 - 12 1/2" x 13"	33. Draft Gear	Minor A-22-XB
9. Displacement	9567 cu.in.	34. Coupler 6"x8" semi-long, A.A.R. Type "E"	Top Operated
ELECTRICAL		AIR BRAKE	
10. 1 GE Generator - Type G.T. 553	Cont. Rat. 1350 Amp.	35. Schedule	Westinghouse Type EL-14
11. 1 GE Exciter-Aux. Gen. G.M.G. 139	5 KW.	36. Brake power	60% 138,000 lbs.
12. 4 GE Motors Type G.E. 731	Cont. Rat. 830 Amp.	37. Pumps (Air Compressor)	Westinghouse Type 3 CD
13. Control Equipment G.E. Type P; Wheel Slip Relays		38. Pump capacity at full engine speed	228 c.f.m.
14. Radiator Fan	G.E. 4-blades, Aphonix	39. Reservoir capacity	60,640 cu.in.
15. Batteries	Exide, 32-cell KT35A	40. Hand brake	Ajax
16. Lighting circuit	75 Volts	TRUCKS	
17. Headlights	Bulb- 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
15 M.P.H.	20,000 "	46. Flange oilers	8 Swanson Type
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 gal.	49. Maximum height	14' 6"
25. Cooling water	240 "	50. Minimum radius of curvature (Loco, alone)	50'
26. Lubricating oil	80 "		