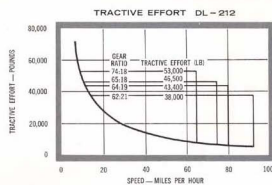


6

# NEW ALCO 1800-hp FREIGHT-PASSENGER LOCOMOTIVE

For Main Line Service



GAGES: 4 8 1/2" (1.135 m.), 5' 3" (1.50 m.) and 9' 6" (1.678 m.)

Recommended for railways allowing up to 27.5 metric tons axle loading, Alco's new DL-212 is the standard freight-passenger locomotive as used in the U.S.A. Featuring high availability and operating efficiency, this new diesel-electric has set high standards of economy in service.

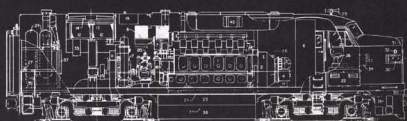
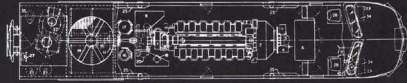
## SPECIFICATION DL-212

### GENERAL CHARACTERISTICS

Wheel arrangement	B-B
Diesel engine	1800 hp continuous (to generator (2) coupled)
Traction motors	Four C-1 752 type
axle weight	240,000 lb, 27.2 m. tons per axle
Maximum height	14' 9"
Width over handrails	10' 6 1/2"
Length over body	53' 9"
Wheel diameter	40"
Fuel oil capacity	1200 U.S. gal
Maximum continuous tractive effort with 55 mph gearing	53,000 lb
Starting tractive effort (25% adhesion)	60,000 lb
Gearing for	65, 75, 80 and 92 mph



- 1-ENGINE
- 2-MAIN GENERATOR
- 3-STARTER
- 4-ALTERNATE GENERATOR
- 5-TRACTION MOTOR
- 6-CONTROL COMPARTMENT
- 7-CONTROL/OPERATOR'S SEAT
- 8-CONTROL/OPERATOR'S FILTRERS
- 9-AND SUPPLEMENTARY
- 10-CONTROL PANEL
- 11-TRACTIVE MOTOR BLOWER
- 12-TRACTIVE MOTOR
- 13-TRACTIVE MOTOR FILTERS
- 14-TRACTIVE MOTOR COOLER
- 15-TRACTIVE MOTOR OIL COOLER
- 16-TRACTIVE MOTOR OIL FILTRERS
- 17-TRACTIVE MOTOR OIL DRAINAGE
- 18-TRACTIVE MOTOR OIL



- 19-TRACTIVE MOTOR OIL RESERVOIR
- 20-TRACTIVE MOTOR OIL
- 21-FUEL TANK
- 22-FUEL TANK FILLING CONNECTION
- 23-FUEL TANK
- 24-FUEL TANK FILLING HOLES
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