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| 1. 16-645E3B Engine | 12. 800kW Delco Head End Power Plant w/Gear Box | 22. Front/Rear Marker Lights |
| 2. AR10A9/D14 Alternator Main Generator w/Companion Alternator | 13. HEP Contractor Cabinet | 23. Front Sand Fill |
| 3. 18kW Auxiliary Generator | 14. HEP Relay Cabinet | 24. Rear Sand Fill |
| 4. Equipment Blower | 15. Battery Compartment | 25. Number Boards |
| 5. Inertial Filters, Blower & Hatch | 16. Air Brake Compartment | 26. Strobe Light |
| 6. Exhaust Stack & Silencer | 17. Control Stand | 27. Ditch Lights |
| 7. Dynamic Brake Grid Fan | 18. "Dash Two" Electric Control Cabinet | 28. 5-Chime Horn |
| 8. Cooling Fan | 19. 1800 Gallon Fuel Tank | 29. Two Axle Truck Assembly (Both Front & Rear) |
| 9. Radiators | 20. Coupler/Draft Gear Assembly (Both Front & Rear) | 30. Snow Plow |
| 10. Equipment Rack | 21. Front/Rear Head Lights | 31. Air Conditioner |

Head End GeneratorDelco No. 2801458
Available Power Output 800kW
Nominal Voltage (AC) 480
Maximum Continuous Current Rating
 1200 Amperes per phase
Frequency (at 1800 RPM) 60Hz

Auxiliary Generator
Voltage (DC) 74
Rating 18kW

Curve Negotiation Capability

41 m (135 ft.) Radius - 43° 30' Curve
 Represents minimum single unit curve negotiation for a truck as limited by truck to car body rotation.

53 m (175 ft.) Radius - 33° Curve
 Represents minimum curve capability for two F40PH units in multiple as limited by "F" type coupler swing.

76 m (250 ft.) Radius - 23° Curve
 Represents minimum curve capability of an F40PH coupled to a standard 50' box car as limited by the box car coupler swing.

96 m (315 ft.) Radius - 18° Curve
 Represents minimum curve capability of an F40PH coupled to an 89' passenger car "F" type coupler swing.

Major Dimensions
Height Over Cooling Fan Guard 15' 6"
Width Over Hand Rails 10' 8-5/8"
Distance Over Coupler Pulling Faces 56' 2"
Loaded Weight on:
Rails (nominal) 262,000 lbs
Weight on Drivers 100%

Supplies
Lubricating Oil Capacity 243 Gal.
Cooling System Capacity 254 Gal.
Fuel Capacity 1,800 Gal.
Sand Capacity
Hood End Sand Boxes 13.0 Cu. Ft.
Cab End Sand Boxes 13.0 Cu. Ft.

Air Brake Type 26L

Gear Ratio	Top Speed* MPH	Minimum Continuous MPH
57:20	103	16.31

*Based on rated RPM of traction motors.