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|------------------------------------|---|----------------------------|
| 1. Engine 16-645E3B                | 10. Air Reservoir   | 18. Jacking Pads           |
| 2. Generator - Alternator AR10-014 | 11. Front Platform, Switching Steps,<br>Hand Rail, Cab Access | 19. Truck - GP Single Shoe |
| 3. Generator - Alternator Blower   | 12. Air Brake Equipment                                       | 20. Lube Oil Strainer      |
| 4. Traction Motor Blower           | 13. Inertial Filter Dust Bin Blower                           | 21. Engine Water Tank      |
| 5. Electrical Control Cabinet      | 14. Engine Room Partition                                     | 22. Lube Oil Cooler        |
| 6. Exhaust Silencer                | 15. Dynamic Brakes  | 23. Lube Oil Filter        |
| 7. Batteries MS 420                | 16. Exhaust Manifold  | 24. Gear Box               |
| 8. Fuel Tank - 2900 Gallon         | 17. Oil Pan   | 25. Radiator Cooling Fans  |
| 9. Electrical Cabinet Air Filter   |   | 26. Air Compressor - WBO   |

## 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.

Gear Ratio	Top Speed* MPH	Minimum Continuous MPH
62:15	65	10.2

\*Based on rated RPM of traction motors.

## Storage Battery

Number of Cells	32
Voltage	64
Rating (8 hour)	500 Amp. Hr.

## 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	2,900 Gal.
Sand Capacity	
Hood End Sand Boxes	13.5 Cu. Ft.
Cab End Sand Boxes	13.5 Cu. Ft.

Air Brake Type ..... 26L

## Rail World Locomotive Leasing

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