

## GE C44-9W – Dash 9-44CW Locomotive



10 in working order

2 as hulks (full rebuild required)

2007 General Electric C44-9W / Dash 9-44CW heavy-haul diesel-electric locomotive, built in 2007. The locomotive is equipped with a GE 7FDL16 / FDL-16 V16 turbocharged diesel engine rated at 4,400 hp, a GE GMG197 main alternator and six GE 752AH DC traction motors.

The locomotive has a C-C / Co-Co wheel arrangement with six powered axles and GE Hi-Ad three-axle bogies. Operating weight of 197 t, approximately 21.4 m overall length, approximately 3.12 m width, approximately 4.69 m height and a track gauge of 1,435 mm standard gauge.

Additional model specifications include approximately 108,600 lbf / 483 kN continuous tractive effort, a typical maximum speed of approximately 70 mph / 113 km/h and an estimated fuel capacity of approximately 19,000–20,000 L, subject to confirmation. The equipment includes microprocessor control, wheel-slip control, multiple-unit capability and dynamic braking.

### SPECIFICATIONS

| Specification                   | Details                                 |
|---------------------------------|-----------------------------------------|
| <b>General &amp; Dimensions</b> |                                         |
| <b>Builder / Manufacturer</b>   | General Electric Transportation Systems |

## SPECIFICATIONS

### General & Dimensions

|                                        |                                       |
|----------------------------------------|---------------------------------------|
| Model                                  | C44-9W / Dash 9-44CW                  |
| Year Manufactured                      | 2007                                  |
| Wheel Configuration / Axle Arrangement | C-C / Co-Co                           |
| Original Build Period                  | November 2007                         |
| Machine Type                           | Heavy-haul diesel-electric locomotive |
| Condition                              | Used (Inspection Recommended)         |
| Quantity Available                     | 10 + 2                                |
| Track Gauge                            | 1435 mm – Standard Gauge              |
| Operating / Service Weight             | 197 t                                 |
| Axle Load                              | 32.8 t/axle                           |
| Number of Axles                        | 6, all powered                        |
| Length                                 | Approximately 21.4 m                  |
| Width                                  | Approximately 3.12 m                  |
| Height                                 | Approximately 4.69 m                  |

### Powerplant & Performance

|                            |                                                                                |
|----------------------------|--------------------------------------------------------------------------------|
| Engine                     | GE 7FDL16 / FDL-16, V16, four-stroke, turbocharged diesel                      |
| Power                      | 4,400 hp; approximately 3,266–3,281 kW                                         |
| Continuous Tractive Effort | Approximately 108,600 lbf / 483 kN; continuous rating speed 11 mph / 17.7 km/h |
| Maximum Speed              | Approximately 70 mph / 113 km/h                                                |
| Fuel Capacity              | Approximately 19,000–20,000 L, subject to confirmation                         |

### Running Gear

|            |                                     |
|------------|-------------------------------------|
| Bogie Type | GE Hi-Ad three-axle bogies / trucks |
|------------|-------------------------------------|

## SPECIFICATIONS

### Running Gear

|                 |                      |
|-----------------|----------------------|
| Bogie Wheelbase | Approximately 4.14 m |
|-----------------|----------------------|

### Electrical & Mechanical Systems

|                 |                                 |
|-----------------|---------------------------------|
| Transmission    | Diesel-electric                 |
| Alternator      | GE GMG197 main alternator       |
| Traction Motors | 6 × GE 752AH DC traction motors |
| Wheel Diameter  | Approximately 1,067 mm / 42 in  |

### Air & Braking Systems

|              |                                               |
|--------------|-----------------------------------------------|
| Brake System | 26L pneumatic brake schedule; dynamic braking |
|--------------|-----------------------------------------------|

### Additional Details

|                        |                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Features               | Single wide safety cab; microprocessor control; microprocessor wheel-slip control; multiple-unit capability; dynamic braking; 6 powered axles; diesel-electric drive |
| Additional Information | GYA28A air compressor, GYA30A radiator-fan motor and GDY91A traction-motor blowers.                                                                                  |

### Location

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Country              | Australia                                        |
| Inspection Available | Equipment inspection is available by arrangement |

## ADDITIONAL IMAGES

