



## 442 CLASS LOCOMOTIVE

### General

|                           |                            |                              |                                 |
|---------------------------|----------------------------|------------------------------|---------------------------------|
| <b>Class</b>              | 442                        | <b>Remanufacturer</b>        | Rail Industry Service Providers |
| <b>Locomotive Numbers</b> | 44204, 44206, 44208, 44209 | <b>Year of Remanufacture</b> | 2005                            |
| <b>Quantity</b>           | 4                          |                              |                                 |

### Operating

|                             |                          |                            |   |
|-----------------------------|--------------------------|----------------------------|---|
| <b>Load Category</b>        | L11                      | <b>Live Weight</b>         | 115.0T  |
| <b>Speed Category</b>       | S8                       | <b>Dead Weight</b>         | 127.0T  |
| <b>Drawbar Capacity</b>     | 1.80MN                   | <b>Axle Load</b>           | 19.1T   |
| <b>Maximum Speed</b>        | 115km/h                  | <b>Track Gauge Options</b> | <input checked="" type="checkbox"/> Broad 1600mm    |
| <b>Fuel Capacity</b>        | 5,455L                   |                            | <input checked="" type="checkbox"/> Standard 1435mm |
| <b>Length Over Couplers</b> | 18.70m                   |                            | <input checked="" type="checkbox"/> Narrow 1067mm   |
| <b>Operating Station</b>    | Dual – Both ends leading |                            |   |

### Technical

|                                   |               |                          |        |
|-----------------------------------|---------------|--------------------------|--------|
| <b>Locomotive Model</b>           | DL500G        | <b>Wheel Arrangement</b> | Co-Co  |
| <b>Engine</b>                     | ALCO 12-251C  | <b>Wheel Diameter</b>    | 1016mm |
| <b>Maximum Gross Power</b>        | 1600kW/2150hp | <b>Alternator</b>        | GE 586 |
| <b>Engine rpm</b>                 | 400 – 1025    | <b>Traction Motors</b>   | GE 752 |
| <b>Lube Oil Capacity</b>          | 750L          | <b>Control System</b>    | -      |
| <b>Cooling Water Capacity</b>     | 936L          | <b>Air Brake</b>         | B7     |
| <b>Continuous Tractive Effort</b> | 231kN         | <b>Dynamic Brake</b>     | Fitted |
| <b>Starting Tractive Effort</b>   | 338kN         | <b>Air Conditioning</b>  | Fitted |
| <b>Adhesion</b>                   | -             | <b>Toilet</b>            | Fitted |
| <b>Gear Ratio</b>                 | 65:18         |                          |        |

