



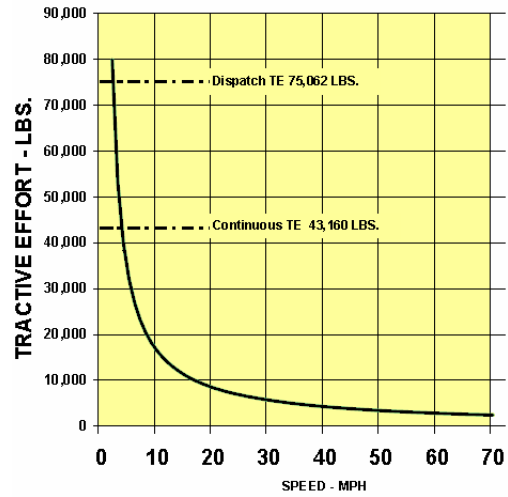
**National Railway Equipment Co.**

# N-ViroMotive

## 1GS-7B ULEL Switcher



**TRACTIVE EFFORT VS SPEED  
1GS7B**



62:15 Gear Ratio  
40 inch wheels  
600 THP - 125 Tons  
D77 Traction Motors  
  
Actual THP may vary;  
Entire curve may not be  
available at all times  
due to limitations of  
wheel/rail adhesion  
  
Dispatch TE is based on  
30% adhesion

### Specifications

#### General Data

Model designation ..... 1GS-7B  
Locomotive power (gross)..... 700 HP  
Wheel arrangement (AAR)..... B-B

#### Dimensions<sup>1</sup>

AAR plate<sup>2</sup> ..... Plate L  
Length over coupler pulling faces ..... 50'2"  
Width over grab irons ..... 10'  
Maximum height above rail..... 16'3"  
Wheel diameter..... 40"

#### Weight

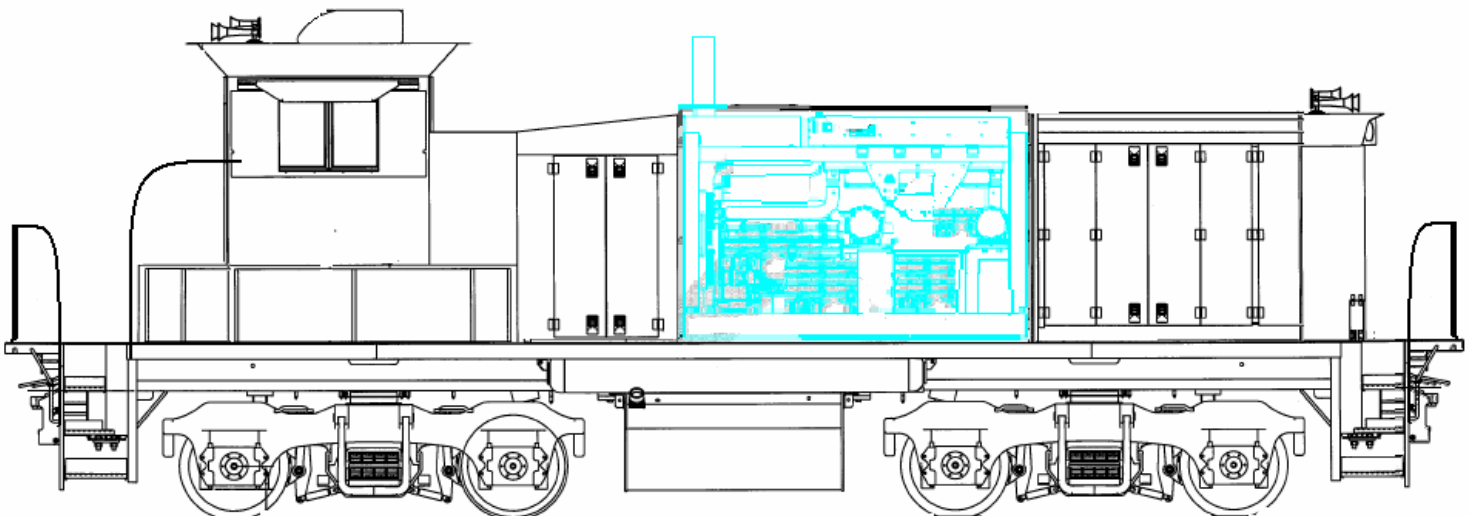
Fully Serviced (approx)..... 265,000lbs

#### Supplies

Fuel<sup>1</sup> ..... 1100gal  
Sand..... 48ft<sup>3</sup>  
Coolant per NGen ..... 45gal  
Lubricating oil per NGen ..... 80gal  
Used lube oil reservoir ..... 200gal  
Retention tank ..... 100gal

#### Equipment

Engine model ..... QSK19C  
Generator model..... 572RDL  
Air compressor model..... GAR30  
Air brake model..... CCB26  
Microprocessor model..... N-FORCE  
Traction motors ..... D77-78



<sup>1</sup> Actual dimensions and capacities might differ from new to repower units.

<sup>2</sup> N-ViroMotive models are available in Plate C and alternative Plate dimensions.

\*Images are artist rendering and are only meant to represent possible N-ViroMotive models.