



//////

# TIER IV SWITCHER

TAKING ACTION FOR A BETTER ENVIRONMENT

AVAILABLE HP:  
600, 1200, 1800



True Switcher replacement/repowers available in  
600 and 1200 HP configurations for an SW locomotive

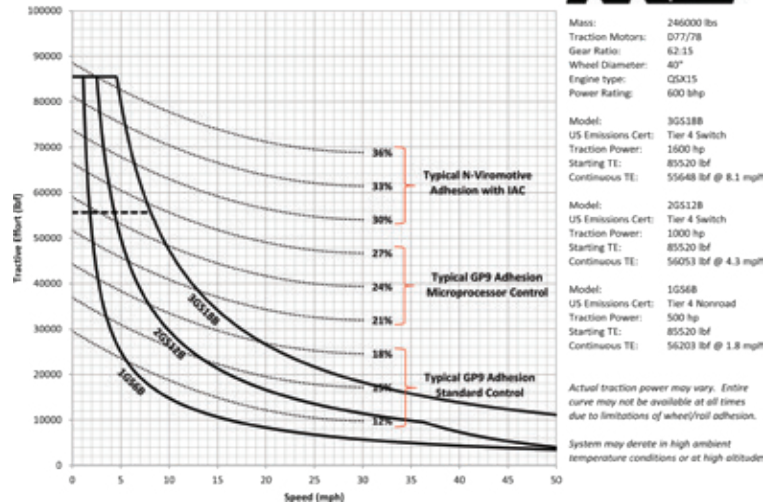
**MOVING FORWARD**

# N-VIROMOTIVE

2GS12B



Tractive Effort vs. Speed



## SPECIFICATIONS

### GENERAL DATA

Model designation .....2GS12B  
 Locomotive power (gross)..... 1200 HP  
 Wheel arrangement (AAR).....B-B

### DIMENSIONS

AAR plate.....Plate L  
 Length over coupler pulling faces .....56'4"  
 Width over grab irons.....10'9"  
 Maximum height above rail.....15'8"  
 Wheel diameter .....40"

### WEIGHT

Fully Serviced (approx).....246,000lbs

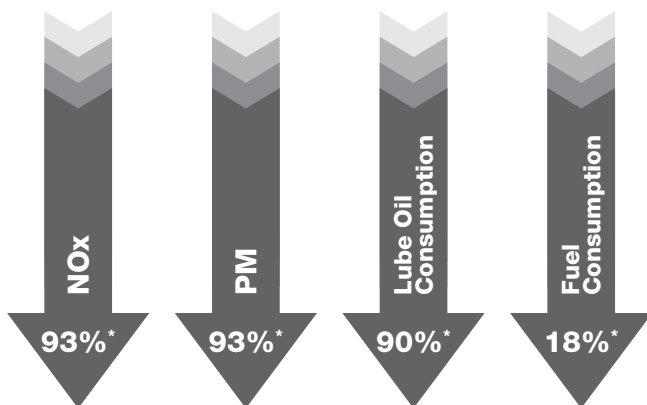
### SUPPLIES

Fuel ..... New Fuel Tank: 1600gal  
 Sand..... Total Sand: 32ft<sup>3</sup>  
 Coolant per NGen..... Total Coolant: 28gal  
 Lubricating oil per NGen ..... Total Lube Oil: 30gal  
 Retention tank .....(internal) 50-100gal

### EQUIPMENT

Engine model.....QSX15  
 Generator model.....740RDL  
 Air compressor model.....GAR37  
 Air brake model .....Electronic  
 Microprocessor model ..... N-FORCE  
 Traction motors.....D77/78

## TIER 4 LOCOMOTIVE REPOWERS REDUCE:



### Additional benefits include:

- Quieter: High speed engines provide less noise in the operator cabin and surroundings
- Leak free engines: Eliminates spillage on tracks and railroad customer's property

### DID YOU KNOW?

About 90% of switcher locomotives were built prior to 1985, long before emission regulations, therefore 10,000+ units in North America today are pre-Tier 0.

\*up to