



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

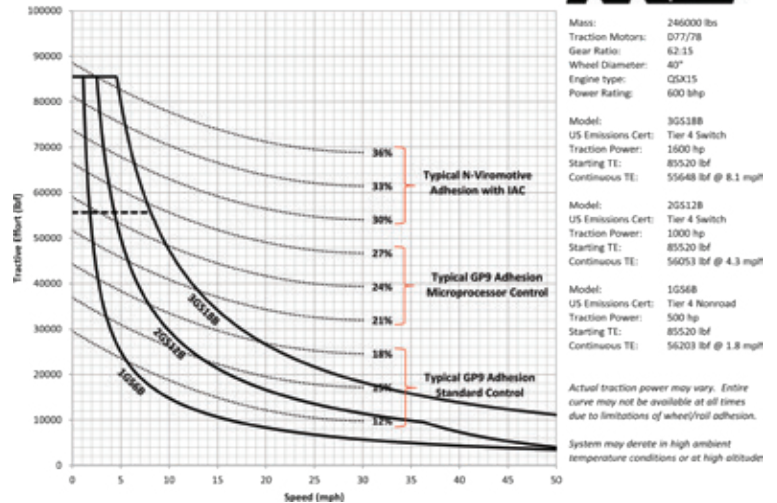
MOVING FORWARD

N-VIROMOTIVE

2GS12B



Tractive Effort vs. Speed



SPECIFICATIONS

GENERAL DATA

Model designation2GS12B
 Locomotive power (gross)..... 1200 HP
 Wheel arrangement (AAR).....B-B

DIMENSIONS

AAR plate.....Plate L
 Length over coupler pulling faces56'4"
 Width over grab irons.....10'9"
 Maximum height above rail.....15'8"
 Wheel diameter40"

WEIGHT

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

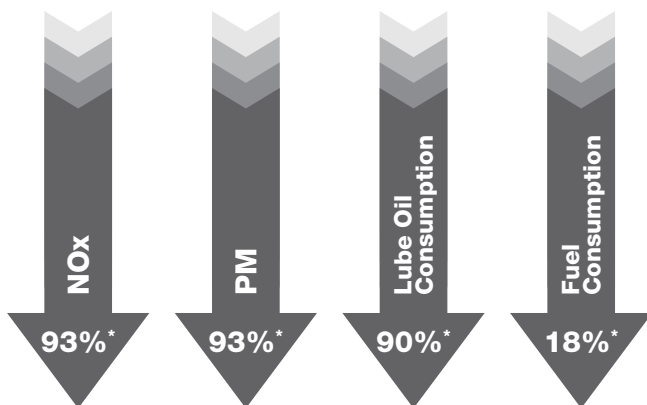
SUPPLIES

Fuel New Fuel Tank: 1600gal
 Sand..... Total Sand: 32ft³
 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 modelElectronic
 Microprocessor model N-FORCE
 Traction motors.....D77/78

TIER 4 LOCOMOTIVE REPOWERS REDUCE:



*up to

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.