



## Specifications

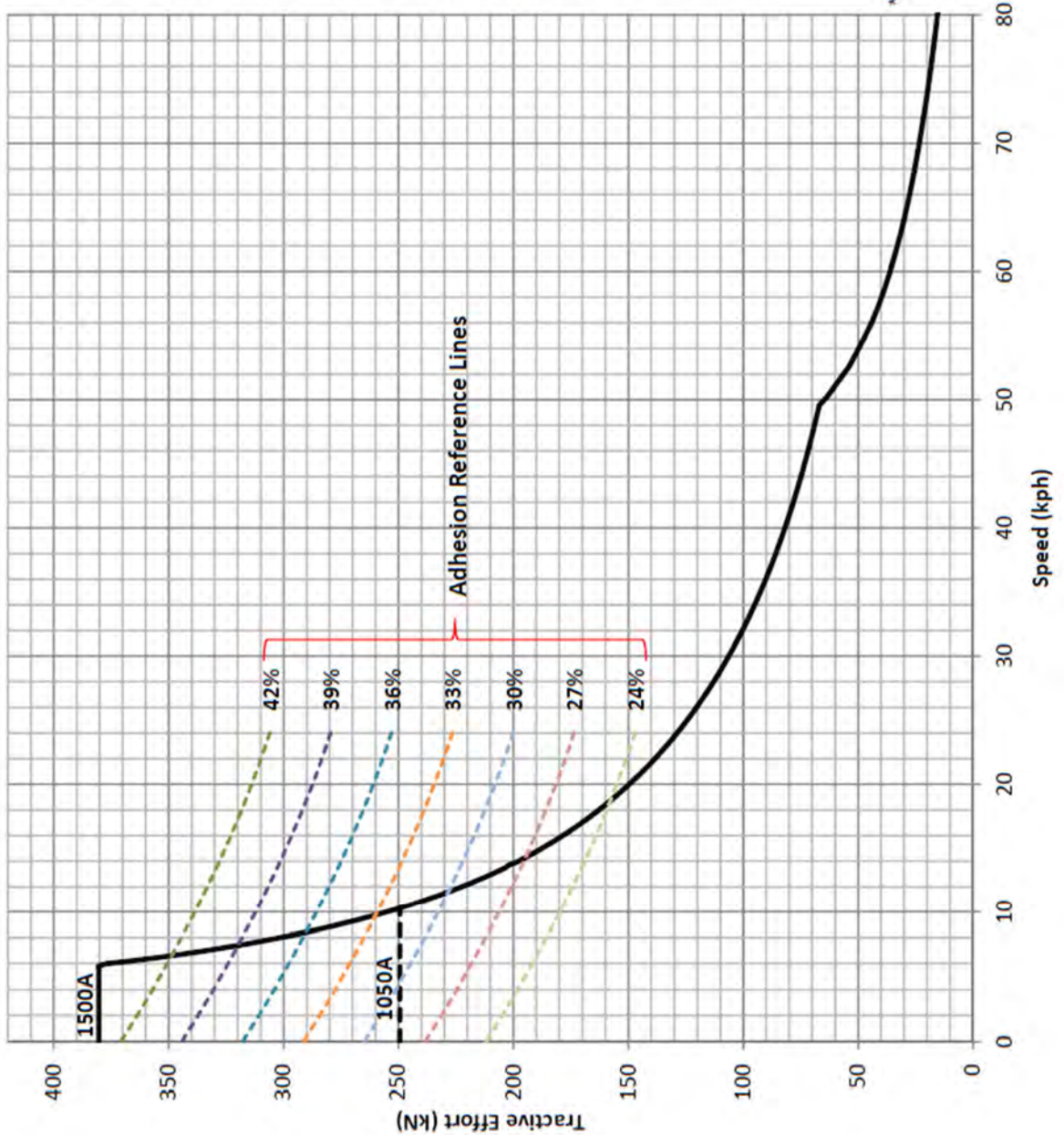
General Data	Supplies
Model Designation 2GS-14B	Fuel 1,056 gal (4000L)
Emmissions Tier I (US EPA)	Sand 15.9 ft <sup>3</sup> (.45 m <sup>3</sup> )
Power 1600 HP (gross) (2 engines)	Coolant 45 gal (170L) per NGen
Wheel Arrgt. B-B (AAR)	Lubricating oil 13 gal (49L) per NGen
<b>Dimensions</b>	Retention tank 70 gal (265L)
AAR Plate Plate L	<b>Equipment</b>
Over Pulling Faces 56'2" (17,120mm)	Engine model QSK19C
Width Over Grab 10' Irons (3048mm)	Generator model 572RDL
Maximum height 16'3" above rail (4953mm)	Air compressor model GAR37
Wheel diameter 40" (1016mm)	Air brake model CCB26
Minimum curve 147ft - 39 Deg. radius-single unit (44m - 26 Deg.)	Microprocessor model N-FORCE
Track Gauge 56 1/2" (1435mm)	Traction motors D77-78
<b>Mass</b>	Traction Controller NRE DC chopper (Independent Axle) IGBT
Fully Serviced 258,000lbs (117,026kgs)	
Tons/Axle 32.25 (29.25 tonnes)	





**Tractive Effort vs. Speed**

**Model:** 2GS16B (PN)  
**Mass:** 90 tonnes  
**Traction Motors:** D87B  
**Gear Ratio:** 70:17  
**Wheel Diameter:** 1016 mm  
**Traction Power:** 1007 kW  
  
**Engine type:** QSK19 HPI  
**Power Rating:** 597 bkW  
**US Emissions Cert:** N/A  
  
**Starting TE:** 380 kN  
**Continuous TE:** 249 kN  
**Continuous Speed:** 10.3 kph



\* Actual traction power may vary. Entire curve may not be available at all times due to limitations of wheel/rail adhesion