



# Sterling Rail, Inc.®

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## FOR SALE

# GP 40 Locomotive #4504

## Inspection Report

- Car body is in good shape
- Cab has good flooring, one seat missing
- One broken side window and front door widow broken
- Electrical cabinet has some Exaine wire and is called good condition by IN&P. Needs blowing out
- No missing parts
- Unit has traction motor cut outs
- Control stand -- nothing missing
- Batteries have 1.2 volts and are grounded, very dirty, low on water and corroding
- AR10 is dirty and oily. Floor around AR10 is covered with oil and wiring, cabling laying in it, could be grounded
- Engine air filters very dirty
- Engine looks to be shut down running and top deck and air box are not as dirty as others
- Had 6 new power packs, 4 new heads, governer, injectors 2002
- Replaced Turbo 2006
- No large oil leaks could be seen
- No Crankcase damage
- AC cabinet needs some help with wiring and cleaning noting missing
- This unit has the EC trans technologies APU same as the 4502
- Radiators have no visual signs of leaks, but hard to tell after 2 years in storage. They need to be pressure washed Fans all turn freely
- Dynamic Brake grids all look ok and fan turns freely. Has extended range DB
- 14 KW aux gem rebuilt 2007
- G.D. WBO deep sump air compressor
- Trucks look ok will need some brake shoes replaced before shipping
- Wheels all new in 2001 and are good condition very limited mileage
- Unit has self aligning couplers
- Horn has been removed crossing bell in place
- Engine serial # 69-D-2R 16-567-D3
- Turbocharger serial # QT 032706-01

Price: \$160,000

Location: ID



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## WORK SCOPE FOR IDAHO NORTHERN & PACIFIC LOCOMOTIVES

- Blow out control stand and replace covers
- Blow out electrical cabinet front and rear
- Visually inspect electrical cabinet wiring and relays for defects
- Visually inspect main contactors for defects
- Blow out under cab floor
- Change electrical cabinet air filter - 11-28-11
- Open AR 10 blow out and check fuses, clean inspection windows.
- Check AC slip ring brushes
- Blow out Aux Gen and check brushes
- Blow out and check brushes in DB motors
- Check brushes in fuel pump and turbo lube pump motors - 11-29-11
- Check and clean AC cabinet
  - Check operation of all lighting
  - Check operation of wheel slip system
  - Check operation of cab heaters
  - Check operation of emergency fuel cut offs
- Radiators should washed or blown out
- Visually inspect engine for liner damage and broken rings - 12-2-11
- Change spin on fuel filters - 11-29-11
- Change 30 inch fuel filter - 11-11-11
- Cleaned fuel strainer - 11-29-11 it was plugged, do not know how engine ran above idle
- Change all lube oil filters - 11-11-11
- Changed TLOP sock back filter (both) - 12-1-11
- Change engine air filters (baggies) - 1-11-11
- Check all fluid levels, water, oil engine, air compressor, governor - 12-2-11
- Inspect fueling system for leaks. - 12-2-11
- Check exhausts system for leaks with engine running
- Check air box for leaks
- Check operation of engine protective devices, low water, and low oil.
- Check air brake system for leaks
- Check operation for horn and crossing bell
- Service traction motor support bearings - 11-26-11
- Service journal boxes - 11-26-11
- Service traction motor gear cases
- Check top of traction motors brush wear - 11-26-11
- Install new batteries - 11-18-11 installed new blocking - 11-29-11
- Replace all worn brake shoes - 11-26-11
- Load unit in forward and reverse
- Other defects corrected
- Both side battery box doors have broken hinges
- 12-1-11 - Tried to start APU but battery would not hold a charge, so bought a new battery and got the APU running. Let it run all night to warm engine water.
- 12-2-11 - Started engine, it would not stay running without holding lay shaft, unplugged the governor and it would, but fuel pump would not stay running. Believe the "D" valve circuit is the problem, EFCO's seam to be working ok, I had no print and was alone, so when I can will trouble shoot

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