



# Sterling Rail, Inc.®

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## FOR SALE

# GP 40 Locomotive #4501

## Inspection Report

- Car body is in good shape
- Cab has okay flooring, seats need help
- Two broken side windows
- Electrical cabinet wiring poor but operational according to IN&P
- No missing parts
- Unit has traction motor cut outs
- Note this cabinet is dirty and needs a good cleaning
- Control stand -- nothing missing
- Batteries dead and are grounded, very dirty and corroding
- AR10 looks to be in shape
- New bearing 2006
- Engine looks to be shut down running and top deck and air box are very little carbon build up as some of the other engines, had all new 645 power packs 2002 and 2 new rods and RTO crank in 2003
- No large oil leaks could be seen. Engine air filters very dirty
- No Crankcase damage
- AC cabinet needs some help with wiring and cleaning noting missing
- Hot Start is missing
- Radiators have no visual signs of leaks, but hard to tell after 2 years in storage. They need to be pressure washed, but appear to be not very old
- Fans all turn freely
- Dynamic Brake grids all look ok and fan turns freely. Note tagged not operational
- 10 KW aux gen
- G.D. WBO deep sump air compressor
- Trucks look okay will need some brake shoes replaced before shipping
- Wheels have no thin flanges or high flanges and unit can be shipped as is. #1 about 1 1/2 inch of tread #2 1 1/8 tread #3 & #4 have more 1 1/8 plus tread • Well new wheels soon
- Unit has self aligning couplers
- Horn has been removed crossing bell in place
- Engine serial # 63 – G – 46R 16-567-D3
- Turbocharger serial # MKC 96/A3/T10231R

Price: \$160,000

Location: ID



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## WORK SCOPE FOR IDAHO NORTHERN & PACIFIC LOCOMOTIVES

- Blow out control stand and replace covers - 11-7-11
- Blow out electrical cabinet front and rear - 11-7-11
- Visually inspect electrical cabinet wiring and relays for defects  
- 11-8-11
- Visually inspect main contactors for defects - 11-8-11
- Blow out under cab floor - 11-7-11
- Change electrical cabinet air filter - 11-17-11
- Open AR 10 blow out and check fuses, clean inspection windows.  
- 11-8-11
- Check AC slip ring brushes - 11-8-11
- Blow out Aux Gen and check brushes - 11-8-11
- Blow out and check brushes in DB motors - 11-7-11
- Check brushes in fuel pump and turbo lube pump motors - 11-29-11
- Check and clean AC cabinet - 11-7-11
- Check operation of all lighting
- Check operation of wheel slip system
- Check operation of cab heaters
- Check operation of emergency fuel cut offs - 11-30-11
- Radiators should washed or blown out
- Visually inspect engine for liner damage and broken rings - 11-30-11
- Change spin on fuel filters - 11-17-11
- Change 30 inch fuel filter - 11-11-11
- Cleaned fuel strainer - 11-30-11 Has no element
- Change all lube oil filters - 11-11-11
- Change engine air filters (baggies) - 11-11-11
- Check all fluid levels, water, oil engine, air compressor, governor.  
- 11-30-11
- Inspect fueling system for leaks. - 11-30-11
- Check exhausts system for leaks with engine running - 11-30-11
- Check air box for leaks - 11-30-11
- Check operation of engine protective devices, low water, and low oil.  
- 11-30-11
- 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 11-5-11
- Install new batteries - 11-26-11
- Installed new blocking - 11-30-11
- Replace all worn brake shoes - 11-26-11
- Load unit in forward and reverse
- Other defects corrected
- Disconnected bad order batteries - 11-7-11
- Repaired front door latch new spring - 11-10-11
- Repaired left front battery box cover latch - 11-18-11
- Replaced broken and missing wire ties on various wire bundles in  
electrical cabinet - 11-10-11
- Both battery box side doors have a broken hinges.
- Filled with water and started the engine let it run for about 3 hours, had  
no fuel, oil or water leaks. Drained water

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