



# Sterling Rail, Inc.®

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## FOR SALE

# GP 40 Locomotive #4502

## Inspection Report

- Car body is in good shape –Left rear sand trap door hinges bad
- Clear coat peeling off
- Cab has raw plywood flooring
- One broken side windows
- Electrical cabinet has been NOT rewired and needs help, but this unit was running in service 8 months ago (poor operational)
- No missing parts
- Dynamic Brake tagged not working
- Unit has traction motor cut outs, No self load
- The control stand has nothing missing
- Batteries have 59 volts and are grounded, very dirty and corroding --- new 12-07
- AR10 looks to be in good shape
- Engine looks to be shut down running and top deck and air box are not as dirty as others
- 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
- Unit has deep sump G.D WBO air compressor no defects noted
- This unit has EC Trans Technologies APU diesel powered very nice unit new 2006
- Radiators have no visual signs of leaks, they need to be pressure washed. Fans all turn freely
- Dynamic Brake grids burnt up (3) and fan turns freely
- Trucks look ok will need some brake shoes replaced before shipping
- Wheels all new 2008
- Unit has self aligning couplers
- Horn and crossing bell in place
- Stack NOT covered
- 10 KW aux gen
- Engine serial # 63-G- 44 R 16-567-D3A had all new 645 power packs in 2008
- Turbocharger serial # MKC 96/03/710962P

Price: \$160,000

Location: ID



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# **GP 40 Locomotive #4502**

## **WORK SCOPE FOR IDAHO NORTHERN & PACIFIC LOCOMOTIVES**

Blow out control stand and replace covers - 11-2-11

Blow out electrical cabinet front and rear - 11-2-11

Visually inspect electrical cabinet wiring and relays for defects - 11-2-11

Visually inspect main contactors for defects - 11-2-11

Blow out under cab floor - 11-2-11

Change electrical cabinet air filter - 11-26-11

Open AR 10 blow out and check fuses, clean inspection windows. Check AC slip ring brushes - Need 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 - 11-28-11

Check and clean AC cabinet

Check operation of all lighting

Check operation of wheel slip system

Check operation of cab heaters - 11-3-11

Check operation of emergency fuel cut offs

Radiators should washed or blown out

Visually inspect engine for liner damage and broken rings - 11-2-11

Change spin on fuel filters - 11-25-11

Change 30 inch fuel filter - 11-25-11

Cleaned fuel strainer - 11-28-11

Change all lube oil filters - 11-28-11

Change engine air filters (baggies) - 11-30-11

Check all fluid levels, water, oil engine, air compressor, governor.  
- 11-2-11

Inspect fueling system for leaks. - 11-2-11

Check exhausts system for leaks with engine running - 11-2-11

Check air box for leaks - 11-2-11

Check operation of engine protective devices, low water, and low oil.  
- 11-2-11

Check air brake system for leaks - 11-5-11

Check operation for horn and crossing bell

Service traction motor support bearings

Service journal boxes - 11-28-11

Service traction motor gear cases

Check top of traction motors brush wear - 11-5-11

Check and fill batteries with water and wash - 11-3-11

Replace all worn brake shoes and adjusted travel - 11-4-11

Load unit in forward and reverse - 11-2-11

Other defects corrected

NOTE using this unit for air supply to work on other units until they can be moved to shop area. 4503, 4506 and 4510 air being air tested so they can be shipped out Emmett. 4503 will not hold air. Changed J1-16, Number 8 vent valve leaking (seal) - 11-5-11.

Still waiting for UP to test.

Had to change J1-16 leaking - 11-3-11

Repaired fuel leak for APU at fuel tank - 11-3-11

Tighten fitting on water piping above AC cabinet leaking - 11-2-11

Changed right side shutter air cylinder - 11-4-11

Engine would not start, found bad wire connection on ER relay - 11-4-11

Gauge lights not working - 11-5-11

Done some more wiring repair in electrical cabinet - 11-8-11

Note: 11-30-11 - Removed AR10 covers and cleaned windows, still need blow it out

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