



Sterling Rail, Inc.®

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FOR SALE

GP 40 Locomotive #4505

Inspection Report

- Car body is in good shape clear coat is peeling
- Cab has good flooring
- All glass good
- Electrical cabinet has had some exaine wiring done in past IN&P call it good running condition
- No missing parts • Unit has traction motor cut outs
- Note this cabinet is dirty like the others needs blowing out
- Control stand -- nothing missing
- 4 batteries missing the others are very dirty and corroding
- Brakeman heater is missing
- Rear covers of electrical cabinet all loose
- Engine air filters are very dirty
- AR10 looks to be in shape, was replaced 2000
- Engine looks to be shut down running and top deck and air box are not very dirty. #10 crankcase cover missing. New Injectors and valve bridges and Turbo 3/2006
- No large oil leaks could be seen, No Crankcase damage
- AC cabinet wiring not to bad for age and needs cleaning rear sander magnet valve 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 very dirty. Fans all turn freely
- Dynamic Brake grids all look ok and fan turns freely. Has extended range DB
- 10 KW aux gen
- G.D. WBO deep sump air compressor Poor condition per IN&P
- Trucks look ok will need some brake shoes replaced before shipping
- Wheels have no thin flanges or high flanges and unit can be shipped as is, 2 new wheel sets 2004 and the others 2005 and one traction motor
- Unit has self aligning couplers
- Horn has been removed crossing bell in place
- Engine serial # 65-12-1135 16-567-D3A
- This engine was running TIER 2 when in service
- Turbocharger serial # QT011708-01 Quality Discount Turbo

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 - 12-2-11
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 - 11-26-11
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
Change spin on fuel filters - 11-30-11
Change 30 inch fuel filter - 11-11-11
Cleaned fuel strainer - 11-30-11
Change all lube oil filters - 11-11-11
Change both TLOP filters - 12-1-11
Change engine air filters (baggies) - 11-11-11
Check all fluid levels, water, oil engine, air compressor, governor.
Inspect fueling system for leaks.
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 R# 2 low
Service journal boxes - 11-26-11
Service traction motor gear cases
Check top of traction motors brush wear - 11-26 -11
#1 & #2 short will check bottom?
Install new batteries - 12-1-11 installed new blocking 12-2-11
Replace all worn brake shoes - 11-26-11
Load unit in forward and reverse
Other defects corrected
11-15-11 When 30 inch filter housing was opened and the filter was removed the housing had 6 inches of water in it the bottom, spin on fuel filters full of water as was fuel strainer.
Was filling engine water while changing the filters and it started running out of fuel strainer and in to the 30 inch filter housing and it was coming from the fuel pre-heater. It had frozen and broke at some time in the past.
Fuel pump motor and pump will not turn. Lay shaft will not move, fuel injectors rusted shut. I believe engine had been running to be at some point after the pre-heater had broken, in order for the fuel injectors to get water in them.
11-16-11 - used fuel pump from 4503. Fuel piping from 30 inch filter to fuel manifold has to be replaced as it has hole worn in it under machina tank. 11-26-11
Will plug water piping on fuel pre-heater - 11-30-11
Tied up old APU wiring in long hood - 11-16-11
Washed out fuel pump and TLOP motors with electrical parts cleaner
- 11-16-11
Installed pipe plug in hole top fuel tank for APU piping - 11-16-11

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