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## FOR SALE AND SHORT AND LONG TERM LEASE

~~(7)~~ ~~(8)~~ ~~(5)~~ ~~(4)~~

### (3) GP40 Locomotives

~~#4500, #4501, #4502~~

~~#4503, #4504, #4505, #4506~~

#### Summary:

- 567D3A Engines with 16-645 Power Assemblies and Rod Injectors
- 2500 hp
- 26L Dynamic Braking
- AAR Control Stand
- D77 Traction Motors
- Self aligning couplers

Price: \$160,000 each  
or Call for Lease Rates

Location: ID

REF#FSL2649



GP40 #4500



GP40 #4501



GP40 #4504



GP40 #4502



GP40 #4503



GP40 #4505



GP40 #4506

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## GP40 Locomotive #4500

Type:	EMD GP40	Traction Motors:	D77
Engine:	567D3A	Dynamic Brakes:	Extended Range
Horsepower:	2,500 HP	Turbo:	567
Generator:	AR10	Year Built:	1966
Compressor:	G.D. WBO	Event Recorder:	No
Aux Gen:	10 KW	Spark Arrestor:	No
Brake System:	26L	Blue Card in Date:	Yes
Control Stand:	AAR Control Stand	Wheels:	2001 New

Notes: 16 -645 Power Assemblies 2001 and 2 Power Assemblies 2003. New Wheel Sets 2001. RTO Crank 2003.

**Price: \$160,000 or Call for Lease Rates**

**Location: ID**

**REF#FSL2649**

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## #4500 FEATURES

The 4500 is a GP40M Locomotive. The Locomotive is essentially a GP-40 with a GP-35 567D3A Prime mover. This locomotive is wired with extended range dynamic braking. The locomotive has had a recent low voltage rewire. There are 6 dash-2 cards in the locomotive for excitation and dynamic brake control. Wheel slip control is an IDAC system. The car body is in good condition with little rust. Turbo replaced in 1996. 567 block. Front snow plow. Front ditch lights only. Governor .96 rack 900RPM replaced in 1998. Retention tank. New wiring. Very little body work needed to repaint this unit.

## PARTIAL WORKSCOPE PERFORMED ON #4500

- Blew out control stand and replaced covers ----- 11-7-11
- Blew out electrical cabinet front and rear ----- 11-7-11
- Visually inspected electrical cabinet wiring and relays for defects ----- 11-8-11
- Visually inspected main contactors for defects ----- 11-8-11
- Blew out under cab floor ----- 11-7-11
- Changed electrical cabinet air filter ----- 11-17-11
- Opened AR 10 blow out and checked fuses, cleaned inspection windows --- 11-8-11
- Checked AC slip ring brushes ----- 11-8-11
- Blew out Aux Gen and checked brushes ----- 11-8-11 / Needs 1 brush 11-25-11
- Blew out and checked brushes in DB motors ----- 11-7-11
- Checked brushes in fuel pump and turbo lube pump motors ----- 11-29-11
- Checked and cleaned AC cabinet ----- 11-7-11
- Checked operation of all lighting----- 3-27- some missing
- Checked operation of wheel slip system -----
- Checked operation of cab heaters -----
- Checked operation of emergency fuel cut offs ----- see below
- Radiators washed or blown out -----
- Visually inspected engine for liner damage and broken rings ----- 3-24-12
- Changed spin on fuel filters----- 11-15-11
- Changed 30 inch fuel filter----- 11-11-11
- Cleaned fuel strainer----- 11-29-11 was very dirty
- Changed all lube oil filters----- 11-11-11
- Changed engine air filters (baggies) ----- 11-11-11
- Checked all fluid levels, water, oil engine, air compressor, governor ----- 3-27-12
- Inspected fueling system for leaks. ----- 3-27-12
- Checked exhausts system for leaks with engine running----- 3-27-12
- Checked air box for leaks ----- 3-27-12
- Checked operation of engine protective devices, low water, and low oil -- See below
- Checked air brake system for leaks ----- see below
- Checked operation for horn and crossing bell-----will send to new owner
- Serviced traction motor support bearings ----- 4-14-12
- Serviced journal boxes ----- 4-14-12
- Serviced traction motor gear cases ----- 4-14-12
- Checked top of traction motors brush wear ----- 11-5-11

UNIT: #4500

Wheel Report

LEFT SIDE			
	FLANGE HEIGHT	FLANGE THICKNESS	RIM THICKNESS
L1)	1 3/16"	1 1/32"	1 1/2"
L2)	1 5/16"	1"	1 5/16"
L3)	1 3/16"	1 1/4"	1 5/8"
L4)	1 9/32"	1 1/4"	1 5/8"

RIGHT SIDE			
	FLANGE HEIGHT	FLANGE THICKNESS	RIM THICKNESS
R1)	1 7/32"	1"	1 1/2"
R2)	1 5/16"	1"	1 7/16"
R3)	1 9/32"	1 1/4"	1 5/8"
R4)	1 1/4"	1 1/4"	1 11/16"

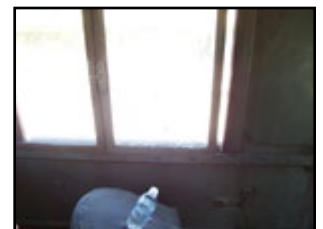
- Checked and fill batteries with water & wash - 11-16-11
- Replaced all worn brake shoes ----- 11-26-11
- Loaded unit in forward and reverse ----- 3-27-12
- Other defects corrected -----
- Repaired loose rear electrical cabinet covers and non-secured floor plate ----- 3-27-12
- Replaced covers back of brake stand ----- 11-17-11
- Number 3 & 4 traction motor cables have been disconnected for truck change ----- 11-12-11
- Replaced missing hose from filter to electrical cabinet -----11-17-11
- Repaired front door latch ----- 11-17-11
- Installed plug in fuel tank that was fuel pickup for APU ----- 11-26-11
- Washed batteries and filled with water -----11-16-11
- Engine would not shut from # 3 EFCO, broken wire in conduit ----- 3-25-12
- Replaced copper tubing to repair water leak in radiator vent line above air compressor -----3-25-12
- Replaced hand brake cover bolts ----- 3-4-12
- Engine would not shut down with low oil button, found out that wiring was never completed when unit was rewired
- Completed the circuit ----- 5-11-12
- Repaired hot engine light ----- 5-10-12
- Water treatment was added ----- 5-11-12
- Air Tested Good ----- 5-14-12
- Blue Cards signed



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## FOR SALE AND SHORT AND LONG TERM LEASE



## GP40 Locomotive #4501

Type:	EMD GP40	Traction Motors:	D77
Engine:	567D3A	Dynamic Brakes:	Standard
Horsepower:	2,500 HP	Turbo:	567
Generator:	AR10	Year Built:	1966
Compressor:	G.D. WBO	Event Recorder:	No
Aux Gen:	10 KW	Spark Arrestor:	No
Brake System:	26L	Blue Card in Date:	Yes
Control Stand:	AAR Control Stand	Wheels:	2" Plus

Notes: 16 -645 Power Assemblies installed 2002. 2 RTO Crank Rods installed 2003.

Price: \$160,000 or Call for Lease Rates

Location: ID

REF#FSL2649

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Wheel Inspection Report for #4501 - Date: 7/20/2012					
POS.	FLANGE HEIGHT	FLANGE THICKNESS	RIM THICKNESS	TREAD WEAR	WHEEL DIAMETER
L1	1	1-17/64	1-3/4	0	1
L2	1-3/16	1-17/64	2-1/4	0	1-1/2
L3	1-3/8	1-5/32	1-3/4	0	1-1/2
L4	1-3/8	1-17/64	2-1/4	0	1-1/2
POS.	FLANGE HEIGHT	FLANGE THICKNESS	RIM THICKNESS	TREAD WEAR	WHEEL DIAMETER
R1	1	1-17/64	2-1/2	0	1
R2	1-5/16	- 7/8	2-1/4	0	1-1/2
R3	1-7/16	1-17/64	1-3/4	0	1-1/2
R4	1-3/16	1 -1/14	2-1/4	0	1-1/2

### #4501 FEATURES

- Had all new 645 power packs 2002 and 2 new rods and RTO crank in 2003
- Engine serial # 63 – G – 46R 16-567-D3 • Car body needs very little work for paint
- Turbocharger serial # MKC 96/A3/T10231R

### PARTIAL WORKSCOPE PERFORMED ON #4501

- |   |  |
|---|--|
| <p>Blew out control stand and replaced covers ----- 11-7-11</p> <p>Blew out electrical cabinet front and rear ----- 11-7-11</p> <p>Visually inspected electrical cabinet wiring and relays for defects ----- 11-8-11</p> <p>Visually inspected main contactors for defects ----- 11-8-11</p> <p>Blew out under cab floor ----- 11-7-11</p> <p>Changed electrical cabinet air filter ----- 11-17-11</p> <p>Opened AR 10 blow out and check fuses, clean inspection windows ----- 11-8-11</p> <p>Checked AC slip ring brushes ----- 11-8-11</p> <p>Blew out Aux Gen and check brushes ----- 11-8-11</p> <p>Blew out and check brushes in DB motors ----- 11-7-11</p> <p>Checked brushes in fuel pump and turbo lube pump motors ----- 11-29-11</p> <p>Checked and clean AC cabinet ----- 11-7-11</p> <p>Checked operation of all lighting ----- 3-27-12</p> <p>Checked operation of wheel slip system -----</p> <p>Checked operation of cab heaters -----</p> <p>Checked operation of emergency fuel cut offs ----- 11-30-11 #1 Ok #2 Ok, #3 not working changed switch 3-19-12</p> <p>Visually inspected engine for liner damage and broken rings ----- 11-30-11</p> <p>Changed spin on fuel filters ----- 11-17-11</p> <p>Changed 30 inch fuel filter ----- 11-11-11</p> <p>Cleaned fuel strainer ----- 11-30-11</p> <p>Changed all lube oil filters ----- 11-11-11</p> <p>Changed engine air filters (baggies) ----- 11-11-11</p> <p>Checked all fluid levels, water, oil engine, air compressor, governor ----- 11-30-11</p> <p>Inspected fueling system for leaks ----- 11-30-11</p> | <p>Checked exhausts system for leaks with engine running ----- 11-30-11</p> <p>Checked air box for leaks ----- 11-30-11</p> <p>Checked operation of engine protective devices, low water, and low oil ----- 11-30-11</p> <p>Serviced traction motor support bearings ----- 4-14-12</p> <p>Serviced journal boxes ----- 4-14-12</p> <p>Serviced traction motor gear cases ----- 4-14-12</p> <p>Checked top of traction motors brush wear ----- 11-5-11</p> <p>Installed new batteries ----- 1-26-12</p> <p>Installed new blocking ----- 11-30-11</p> <p>Replaced all worn brake shoes ----- 11-26-11</p> <p>Loaded unit in forward and reverse ----- 3-27-12</p> <p style="text-align: center;">Other defects corrected ----- See Notes Below</p> <p>Disconnected bad order batteries ----- 11-7-11</p> <p>Repaired front door latch new spring ----- 11-10-11</p> <p>Repaired left front battery box cover latch ----- 11-18-11</p> <p>Replaced broken &amp; missing wire ties on in elect. cabinet ---11-10-11</p> <p>Filled with water and started the engine let it run for about 3 hours, had no fuel, oil or water leaks. Drained water 12-1-11</p> <p>Changed isolation switch ----- 12-20-11</p> <p>Changed compressor air inlet filter and found small air leaks.3-10-12</p> <p>Used for air again and tied up more wiring the cabinet-----3-16-12</p> <p>Replaced # 2 EFCO switch was bad, used one from 450 ----- 3-19-12</p> <p>Water treatment added ----- 5-10-12</p> <p>Air Tested Good ----- 5-14-12</p> <p>Blue Cards signed</p> |
|---|--|



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## GP40 Locomotive #4504

Type:	EMD GP40	Traction Motors:	D77
Engine:	567D3A	Dynamic Brakes:	Extended Range
Horsepower:	2,500 HP	Turbo:	567
Generator:	AR10	Year Built:	1969
Compressor:	G.D. WBO	Event Recorder:	No
Aux Gen:	14 KW	Spark Arrestor:	No
Brake System:	26L	Blue Card in Date:	Yes
Control Stand:	AAR Control Stand	Wheels:	2001 New

Notes: 16 -645 Power Assemblies and Rod Injectors 2002. Turbo Replaced 2006. Installed 14KW 2007. 4 New Wheel Sets 2001.

**Price: \$160,000 or Call for Lease Rates**

**Location: ID**

**REF#FSL2649**

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## Wheel Inspection Report for #4504 - Date: 7/20/2012

POS.	FLANGE HEIGHT	FLANGE THICKNESS	RIM THICKNESS	TREAD WEAR	WHEEL DIAMETER
L1	1-1/4	1-17/64	2-1/4	0	1-1/2
L2	1-5/16	1-17/64	2-1/4	0	1-1/2
L3	1-3/8	1-17/64	3	0	2-1/2
L4	1-3/8	1-17/64	3	0	2-1/2
POS.	FLANGE HEIGHT	FLANGE THICKNESS	RIM THICKNESS	TREAD WEAR	WHEEL DIAMETER
R1	1-1/3	1-17/64	1-17/64	0	1-1/2
R2	1-1/4	1-17/64	1-17/64	0	1-1/2
R3	1-3/8	1-17/64	1-17/64	0	2-1/2
R4	1-3/8	1-17/64	1-17/64	0	2-1/2

### #4504 FEATURES

- Had 6 new power packs, 4 new heads, governor, injectors in 2002
- Replaced Turbo in 2006 • Front Snow Plow • APU Equipped/ECO Trans
- Wheels all new in 2001 & are good condition very limited mileage • Retention tank • Front/Rear Ditch Lights • 567 Block
- Has Extended Range Dynamic Brakes • TM Cut Outs • Governor .96 Rack900RPM Replaced in 1999
- Self aligning couplers • Wiring OK • Carbody very straight, no rust, repaint, very little body work
- Engine serial # 69-D-2R 16-567-D3 • Blue Cards Signed
- Turbocharger serial # QT 032706-01

### PARTIAL WORKSCOPE PERFORMED ON #4504

- |   |  |
|---|--|
| Blew out control stand and replaced covers ----- 3-27-12                            | Checked operation of engine protective devices, low water, and low oil ----- 4-19-12 |
| Blew out electrical cabinet front and rear ----- 3-27-12                            | Checked air brake system for leaks ----- See Below                                   |
| Visually inspected electrical cabinet wiring and relays for defects ----- 3-27-12   | Checked operation for horn and crossing bell --- will send to new owner              |
| Visually inspected main contactors for defects ----- 3-27-12                        | Serviced traction motor support bearings ----- 4-14-12                               |
| Blew out under cab floor ----- 3-27-12  | Serviced journal boxes ----- 4-14-12   |
| Changed electrical cabinet air filter ----- 11-28-11                                | Serviced traction motor gear cases ----- 4-14-12                                     |
| Opened AR10 blow out & check fuses, cleaned inspection windows ----- 11-2-11        | Checked top of traction motors brush wear ----- 11-26-11                             |
| Checked AC slip ring brushes ----- 11-2-11  | Installed new batteries ----- 11-18-11   |
| Blew out Aux Gen and checked brushes ----- 4-10-12                                  | Installed new blocking ---- 11-29-11   |
| Blew out and checked brushes in DB motors ----- 4-10-12                             | Replaced all worn brake shoes ----- 11-26-11   |
| Checked brushes in fuel pump and turbo lube pump motors-- 11-29-11                  | Loaded unit in forward and reverse ----- 4-19-12                                     |
| Checked and cleaned AC cabinet ----- 11-2-11  | Other defects corrected ----- See Below  |
| Checked operation of all lighting ----- 4-10-12                                     | Bought a new battery and got the APU running----- 12-1-11                            |
| Checked operation of cab heaters ----- 4-19-12                                      | Replaced fuel pump from one removed from 4503----- 3-22-12                           |
| Checked operation of emergency fuel cut offs ----- 4-19-12                          | Replaced the fuel filters again & filled engine with water                           |
| Visually inspected engine for liner damage and broken rings--- 12-2-11              | Replaced the # 4 water jumper and replaced gaskets # 7 jumper                        |
| Changed spin on fuel filters ----- 11-29-11   | Cleaned water out of the air box & no more leaks----- 3-24-12                        |
| Changed 30 inch fuel filter ----- 11-11-11  | Plugged the main water drain valve ----- 3-24-12                                     |
| Cleaned fuel strainer ----- 11-29-11  | Replaced missing J 1-6-16 valve----- 3-24-12   |
| Changed all lube oil filters ----- 11-11-11   | Had to jump FPC, FP and ER interlocks in to keep them picked up                      |
| Changed TLOP sock back filter (both) ----- 12-1-11                                  | Replaced both water pumps ----- 4-19-12  |
| Changed engine air filters (baggies) ----- 11-11-11                                 | Removed parts catcher 85% plugged ----- 3-30-12                                      |
| Checked all fluid levels, water, oil engine, air compressor, governor ----- 12-2-11 | Cleaned parts catcher ----- 4-2-12   |
| Inspected fueling system for leaks ----- 12-2-11                                    | Engine now runs as it should   |
| Checked exhausts system for leaks with engine running ----- 4-19-12                 | Changed air compressor filters ----- 4-14-12   |
| Checked air box for leaks ----- 3-24-12   | Needs engineers cab seat ----- 5-11-12   |
| Washed Radiators ----- 4-10-12  | Water treatment added ----- 5-9-12   |
|   | Air Tested ----- 5-14-12   |