



(circle items in bold)

Model SD40-2 Road No. CP 5704 Frame No \_\_\_\_\_ Sold To CPR  
 Inspector MICHEL CHARBONNEAU Location OGDEN SHOPS CALGARY, AB Date 2/13/2006

**BOTTOM INSPECTION**

Front Dynamics	<b>Short</b>	Nose	<b>Low</b>	MU	<b>Yes</b>	MU Hoses	<b>No</b>
Bell	<b>No</b>	Extended	<b>No</b>	Grid(s) Condition	<u>Fair</u>		
Fuel Tank Size	<u>4000 US gal.</u>	Horn	<b>Yes</b>	Frame Condition	<u>Fair</u>		
Retention Tank	<b>No</b>		Condition	<u>Fair, fuel tank is purged.</u>			
Wheels L1	<u>Thin</u>	L4	<u>2"</u>	R1	<u>Thin</u>	R4	<u>2"</u> <i>Wheel #4-5-6 are dummy</i>
SIZE L2	<u>Thin</u>	L5	<u>2"</u>	R2	<u>Thin</u>	R5	<u>2"</u>
L3	<u>Thin</u>	L6	<u>2"</u>	R3	<u>Thin</u>	R6	<u>2"</u>
Box TYPE	<u>1: GG Timken</u>	<u>2: GG Timken</u>	<u>3: GG Timken</u>	<u>4: GG Timken</u>	<u>5: GG Timken</u>	<u>6: GG Timken</u>	
T.M. Type	<u>1</u>	<u>D77</u>	<u>4</u>	<u>Out</u>	List cut / missing TM leads	<u>Only 3 motors (connected)</u>	
	<u>2</u>	<u>D77</u>	<u>5</u>	<u>Out</u>	Gear Ratio	<u>62:15</u>	Brake Shoe Type <u>Composite</u>
	<u>3</u>	<u>D77</u>	<u>6</u>	<u>Out</u>	Axle Drive Type & Cond	<u>3 Vapor (Old PTC Locotrol II)</u>	
Draft Gear Type & Cond	Front	<u>Fair</u>	Rear	<u>Fair</u>			
Draft Gear Pocket Cond	Front	<u>Fair</u>	Rear	<u>Fair</u>			
Coupler Type	Front	<u>E</u>	Rear	<u>E</u>	Self-aligning	<u>Yes</u>	Condition <u>Fair</u>
Pilot Type	<u>Wrap around CPR</u>		General Condition	<u>Fair</u>		Plow Type	
Truck Type	<u>1</u>	<u>HTC</u>	<u>2</u>	<u>HTC</u>	Rigging Pin Type	<u>1</u>	<u>?</u> <u>2</u> <u>?</u>
Brake Cyl.	<u>1</u>	<u>High</u>	<u>2</u>	<u>High</u>			

**LONGHOOD INSPECTION**

Walkway Condition	<u>Fair</u>	Handrail Condition	<u>Fair</u>
Engine Type	<u>16-645E3</u>	S/N	<u>74-K1-1044</u>
EMD Block No (from A frame)	<u>16E74G76</u>	Bars Over	<u>n/a</u>
Engine Overall Condition	<u>Reported bad order</u>	Internal / Bottom End Condition	<u>No visible damage to crankshaft</u>
Turbo P/N	<u>9525597</u>	S/N	<u>95-M3-T10395S</u>
Condition	<u>Poor screen out</u>	Diffusor Condition	<u>Fair</u>
Fuel Pump	<u>Yes</u>	PreHeater	<u>Yes</u>
Oil Cooler	<u>Yes</u>	Starter	<u>Yes</u>
Fuel Bypass Valve & Gage	<u>Yes</u>	Spark Arrestors	<u>Yes</u>
Exhaust Leaks	<u>No</u>	Spin On Filters	<u>Yes</u>
Load Reguator Style	<u>Small type</u>	Defect Tag	<u>No</u>
Radiators	<u>In</u>	Leaks?	<u>No</u>
Radiator Type	<u>Mech. Bond</u>	Fire Extinguishers:	<u>Longhood</u> <u>Yes</u> <u>Cab</u> <u>Yes</u>
AC Cabinet	<u>Yes</u>	Fan Fuses	<u>Yes</u>
200 Lb. Air Gauge	<u>Yes</u>	Air Compressor Type	<u>Gard/Denv</u>
Base Style	<u>High</u>	Condition	<u>Fair</u>
water cooled serial:	<u>246691</u>	Air filter media type	<u>Baggie</u>
Air Brake Type/System	<u>26LUM</u>	Condition	<u>Out rack has been taken off.</u>
EMD Main Gen/Alt. Type	<u>AR10A7</u>	S/N	<u>79-E1-1061</u>
Condition	<u>Fair</u>	EMD Aux. Generator Type	<u>18KW</u>
Condition	<u>n/a</u>	S/N	<u>n/a</u>
GE AUX1	Model _____	Serial #	_____
Condition	_____	GE EXCITER	Model _____
Condition	_____	Serial #	_____
Condition	_____	8	_____



FANS

D.B. Fan	Qty. <u>2</u>	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>
#1 Cool Fan	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>	
#2 Cool Fan	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>	
#3 Cool Fan	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>	
Equipment Rack	<u>Yes</u>	Type <u>SD</u>	Inertial Filters & Blower Motor	<u>Yes</u>
Carbody Condition	<u>Poor, original paint scheme rusted in many areas. Boarded cab no windows.</u>			
Paint Color/Condition	Carbody <u>Action red</u>	Engine Room <u>Beige</u>	Cab <u>Beige</u>	

CAB/SHORT NOSE INSPECTION

Cab Condition	Floor <u>Poor</u>	Wall <u>Poor</u>	Glass Meet FRA Req	<u>No</u>	Condition	<u>No windows</u>	
Cab Lights	<u>No</u>	Modules	<u>Yes</u>	# missing <u>3</u>	Air Brake change date	<u>n/a</u>	
H.V. Cabinet	Wire Condition	<u>Fair</u>	Wire Type	<u>Exane</u>	Electric Switch Gear	<u>Magnetic</u>	
Evidence of rewire?	<u>No</u>	Comments	<u>Coal dust on wiring</u>				
Speedo Type	<u>None</u>	Heaters	<u>Strip</u>	Seats	<u>1(bad)</u>	Arm Rests	<u>Yes</u>
Cab Cards	<u>No</u>	(If yes, record available data)	Event Recorder Equipped	<u>No</u>	Type		
Toilet Type	<u>None</u>	Water Cooler Type	<u>None</u>	Wipers	<u>None</u>	Visors	<u>None</u>
Batteries	<u>In</u>	Condition	<u>b/o (dead)</u>	Style	<u>Surette</u>		
Control Stand Type	<u>AAR</u>	Condition	<u>Poor</u>				
Radio Equipment	<u>None</u>	EOT?	<u>None</u>	Alerter?	<u>None</u>		
		Cab Signal?	<u>No</u>	Computer Control?	<u>No</u>		

ADDITIONAL DEFECTS/COMMENTS

Locomotive built in 1975

Last mini o/h: August 1990

Last air inspection: n/a

Last annual inspection: n/a

Tied up date: May 2003

Auxiliary lube oil transfer tank (166 imp. Gal)

Old PTC/Locotrol II slave unit (boarded cab) assigned to coal service.

Oil cooler has been disconnected.

EPD has been stripped. Aux. gen. drive is missing, water pump piping stripped, turbo screen out, rad pipes disconnected.

Missing 3 traction motors and 3 dummy wheels have rusted axle (suspension bearing area).

TK1 serial: 74L1027

TK2 serial: 72E1022