



(circle items in bold)

Model SD40-2 Road No. CP 5623 Frame No _____ Sold To STL&H
 Inspector MICHEL CHARBONNEAU Location OGDEN SHOPS CALGARY, AB Date 2/14/2006

BOTTOM INSPECTION

Front	Short	Nose	Low	MU	Yes	MU Hoses	No
Dynamics	Yes	Extended	No	Grid(s) Condition	<u>Fair</u>		
Bell	No	Horn	Yes	Frame Condition	<u>Fair</u>		
Fuel Tank Size	<u>4000 US gal.</u>	Retention Tank	No	Condition	<u>Fair</u>		
Wheels	L1 <u>1.5"</u> L4 <u>1.5"</u>	R1 <u>1.5"</u> R4 <u>1.5"</u>					
SIZE	L2 <u>1.5"</u> L5 <u>1.5"</u>	R2 <u>1.5"</u> R5 <u>1.5"</u>					
	L3 <u>1.5"</u> L6 <u>1.5"</u>	R3 <u>1.5"</u> R6 <u>1.5"</u>					
Box TYPE	1: Hyatt	2: GG Timken	3: Hyatt	4: GG Timken	5: Hyatt	6: GG Timken	
T.M. Type	1 <u>D77</u>	4 <u>D77</u>	List cut / missing TM leads		<u>All connected</u>		
	2 <u>D77</u>	5 <u>D77</u>	Gear Ratio <u>62:15</u>		Brake Shoe Type <u>Composite</u>		
	3 <u>D77</u>	6 <u>D77</u>	Axle Drive Type & Cond		<u>Q-tron</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>Poor, dented</u>		Plow Type _____		
Truck Type	1 <u>HTC</u>	2 <u>HTC</u>	Rigging Pin Type		1 <u>?</u>	2 <u>?</u>	
Brake Cyl.	1 <u>High</u>	2 <u>High</u>					

LONGHOOD INSPECTION

Walkway Condition	<u>Poor missing handrail</u>		Handrail Condition	<u>Poor missing front sections</u>			
Engine Type	<u>16-645E3</u>	S/N <u>85-A3-8502</u>	EMD Block No (from A frame)	<u>16E70B136</u>	Bars Over	<u>n/a</u>	
Engine Overall Condition	<u>Poor oily</u>	air box cover off	Internal / Bottom End Condition	<u>Poor oily</u>			
Turbo P/N	<u>9339283 (E3B)</u>	S/N <u>01-G3-1020</u>	Condition	<u>Fair</u>	Diffusor Condition	<u>Fair</u>	
Fuel Pump	Yes	PreHeater	Yes	Oil Cooler	Yes	Starter	Yes
Fuel Bypass Valve & Gage	Yes	Spark Arrestors	Yes	Exhaust Leaks	No		
Spin On Filters	Yes	Load Reguator Style	<u>Small type</u>	Defect Tag	No		
Radiators	In	Leaks?	No	Radiator Type	Mech. Bond		
Fire Extinguishers:	Longhood Yes	Cab	Yes				
AC Cabinet	Yes	Fan Fuses	Yes	200 Lb. Air Gauge	Yes		
Air Compressor Type	<u>Wabco</u>	Base Style <u>High</u>	Condition	<u>Good</u>	air cooled	serial: B9360	
Air filter media type	Baggie						
Air Brake Type/System	<u>26LUM</u>		Condition	<u>Fair</u>			
EMD Main Gen/Alt. Type	<u>AR10A7</u>	S/N <u>66-L1-1044</u>	Condition	<u>Fair</u>			
EMD Aux. Generator Type	<u>18KW</u>	S/N <u>n/a</u>	Condition	<u>n/a</u>			
GE AUX1	Model _____	Serial # _____	Condition	_____			
GE EXCITER	Model _____	Serial # _____	Condition	_____			
	8		Condition	_____			



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, paint is peeling off and many rusted areas</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>Fair</u>	Wall <u>Fair</u>	Glass Meet FRA Req	<u>Yes</u>	Condition	<u>Good Electric Heat</u>	
Cab Lights	<u>Yes</u>	Modules	<u>Yes</u>	# missing <u>0</u>	Air Brake change date	<u>n/a</u>	
H.V. Cabinet	Wire Condition	<u>Good</u>	Wire Type	<u>Exane</u>	Electric Switch Gear	<u>Magnetic</u>	
Evidence of rewire?	<u>No</u>		Comments				
Speedo Type	<u>Out</u>	Heaters	<u>Electric + Strip</u>	Seats	<u>Out</u>	Arm Rests	
Cab Cards	<u>No</u>	(If yes, record available data)	Event Recorder Equipped	<u>No</u>	Type		
Toilet Type	<u>Prime</u>	Water Cooler Type	<u>Ebco</u>	Wipers	<u>6</u>	Visors	<u>2</u>
Batteries	<u>In</u>	Condition	<u>b/o (dead)</u>	Style	<u>Surette</u>		
Control Stand Type	<u>AAR</u>	Condition	<u>Fair</u>				
Radio Equipment	<u>Out</u>	EOT?	<u>Yes</u>	Alerter?	<u>Out</u>		
		Cab Signal?	<u>No</u>	Computer Control?	<u>No</u>		

ADDITIONAL DEFECTS/COMMENTS

Locomotive built in 1972

Last major o/h: October 1995

Last air inspection: 2/19/05

Last annual inspection: 2/19/05

Tied up date: November 2005

Auxiliary lube oil transfer tank (166 imp. Gal)

Light engine "A" frame.

Damaged crankshaft at #13/5 position. P/a baskets removed. Air box covers have been removed as well.

Upgraded cab with recessed fridg.

Front handrail is missing

Brake cylinder pressure gauge is missing on the control stand.

TK1 serial: 76B1022

TK2 serial: 73M1008