



NATIONAL RAILWAY

LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in bold)

Model	<u>SD40-2</u>	Road No.	<u>NREX783</u>	Frame No	<u>73695-9</u>	BUILT	<u>Oct-74</u>
Inspector	<u>T.BRIGGS</u>	Location	<u>SILVIS</u>	Date	<u>3/6/2008</u>	<u>UPDATED</u>	

BOTTOM INSPECTION

Front	<u>Short</u>	Nose	<u>Low</u>	MU	<u>Yes</u>	MU Hoses	<u>Yes</u>
Dynamics	<u>No</u>	Extended	<u>No</u>	Grid(s) Condition	<u>N/A</u>		
Bell	<u>Yes</u>	Horn	<u>Yes</u>	Frame Condition	<u>OK</u>		
Fuel Tank Size	<u>4,000 GALS</u>	Retention Tank	<u>Yes</u>	No	<u>Condition</u>		
Wheels	L1 <u>1 15/16</u>	L4 <u>2 1/4</u>	R1 <u>2 1/8</u>	R4	<u>2 1/3</u>		
SIZE	L2 <u>2 1/16</u>	L5 <u>2 1/8</u>	R2 <u>2</u>	R5	<u>2 1/4</u>		
	L3 <u>2</u>	L6 <u>2 5/16</u>	R3 <u>2</u>	R6	<u>2 5/16</u>		
Box TYPE	1: <u>Hyatt</u>	2: <u>Hyatt</u>	3: <u>Hyatt</u>	4: <u>Hyatt</u>	5: <u>Hyatt</u>	6: <u>Hyatt</u>	
T.M. Type	1 <u>D77</u>	4 <u>D77</u>	List cut / missing TM leads		<u>NONE</u>		
	2 <u>D77</u>	5 <u>D77</u>	Gear Ratio		<u>62:15</u>	Brake Shoe Type <u>COMP</u>	
	3 <u>D77</u>	6 <u>D77</u>	Axle Drive Type & Conc		<u>BARCO / GOOD</u>		
Draft Gear Type & Cond	Front <u>390</u>	Rear	<u>390</u>				
Draft Gear Pocket Cond	Front <u>OK</u>	Rear	<u>OK</u>				
Coupler Type	Front <u>E</u>	Rear <u>E</u>	Self-aligning	<u>YES</u>	Condition	<u>GOOD</u>	
Pilot Type	<u>PLATE</u>	General Condition	<u>GOOD</u>	Plow Type	<u>MEDIUM</u>		
Truck Type	1 <u>HTC</u>	2 <u>HTC</u>	Rigging Pin Type	1 <u>SINGLE</u>	2 <u>SINGLE</u>		
Brake Cyl.	1 <u>High</u>	2 <u>High</u>					

LONGHOOD INSPECTION

Walkway Condition	<u>OK</u>	Handrail Condition	<u>OK</u>				
Engine Type	<u>16-645E3</u>	S/N	<u>69J11120</u>	EMD Block No (from A frame)	<u>16E69H56</u>	Bars Over	<u>Yes</u>
Engine Overall Condition	<u>GOOD</u>	Internal / Bottom End Condition	<u>GOOD</u>				
Turbo P/N	<u>9525597</u>	S/N	<u>06/E3/T46002</u>	Condition	<u>GOOD</u>	Diffusor Condition	<u>GOOD</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>No</u>	Exhaust Leaks	<u>No</u>		
Spin On Filters	<u>Yes</u>	Load Reguator Style	<u>PANCAKE</u>	Defect Tag	<u>No</u>		
Radiators	<u>In</u>	Leaks?	<u>No</u>	Radiator Type	<u>Mech. Bond</u>		
Fire Extinguishers:	Longhood <u>Yes</u>	Cab	<u>Yes</u>				
AC Cabinet	<u>YES</u>	Fan Fuses	<u>Yes</u>	200 Lb. Air Gauge	<u>Yes</u>		
Air Compressor Type	<u>WBO</u>	Base Style	<u>HIGH</u>	Condition	<u>GOOD</u>		
Air filter media type	<u>Baggie</u>						
Air Brake Type/System	<u>26L</u>	Condition	<u>GOOD</u>				
EMD Main Gen/Alt. Type	<u>AR10</u>	S/N	<u>84B33005</u>	Condition	<u>GOOD</u>		
EMD Aux. Generator Type	<u>18KW</u>	Condition	<u>GOOD</u>				
A.G. Blower Wheel Type	<u>SINGLE</u>	Condition	<u>GOOD</u>				



FANS

D.B. Fan	Qty.	<u>N/A</u>				
#1 Cool Fan	Size	<u>48"</u>	Blades	<u>6</u>	Type	<u>Fab</u>
#2 Cool Fan	Size	<u>48"</u>	Blades	<u>9</u>	Type	<u>Fab</u>
#3 Cool Fan	Size	<u>48"</u>	Blades	<u>8</u>	Type	<u>Fab</u>
Equipment Rack	<u>Yes</u>				Inertial Filters & Blower Motor	<u>Yes</u>
Carbody Condition	<u>GOOD</u>					
Paint Color/Condition	Carbody	<u>RED, DIRTY</u>	Eng Room	<u>GRAY, DIRTY</u>	Cab	<u>BEIGE, WORN & DIRTY</u>

CAB/SHORT NOSE INSPECTION

Cab Condition	Floor	<u>GOOD</u>	Wall	<u>GOOD</u>	Glass Meet FRA Req	<u>Yes</u>	Condition	<u>OK</u>
Cab Lights	<u>Yes</u>	Modules	<u>Yes</u>	# missing	<u>0</u>	Air Brake change date	<u>4/4/05</u>	
H.V. Cabinet	Wire Condition	<u>GOOD</u>	Wire Type	<u>Exane</u>	Gear	<u>Magnetic</u>		
Evidence of rewire?	<u>Yes</u>	No	Comments					
Speedo Type	<u>QUANTUM</u>	Heaters	<u>Electric Strip</u>	Seats	<u>3</u>	Arm Rests	<u>Yes</u>	
Cab Cards	<u>Yes</u>	Event Recorder Equipped	<u>Yes</u>	Type	<u>QUANTUM CARD</u>			
Toilet Type	<u>PRIME</u>	Water Cooler Type	<u>PRIME</u>	Wipers	<u>OK</u>	Visors	<u>2</u>	
Batteries	<u>In</u>	Condition	<u>GOOD</u>	Style	<u>UNITIZED</u>			
Control Stand Type	<u>AAR</u>	Condition	<u>GOOD</u>					
Radio Equipment	<u>Yes</u>	EOT?	<u>YES</u>	Alerter?	<u>QUANTUM</u>			
		Cab Signal?	<u>NO</u>	Computer Control?	<u>NO</u>			

ADDITIONAL DEFECTS/COMMENTS

LEFT & RIGHT FRONT END PLATES BENT	RH MR/ER C/O VALVE B/O
RIGHT FRONT SNOW PLOW MOUNTING BOLTS LOOSE, MISSING	#3 TM BOTTOM COVER BOLTS MISSING
RIGHT REAR MR MU HANDLE WON'T LOCK	#1 TM "A" CABLE INSULATION CRACKED
LEFT FRONT ACT, MR MU HANDLES DO NOT LOCK	FRONT PLATFORM BREAKAWAY BARS MISSING
LEFT REAR MR MU HANDLE WON'T LOCK	L1 SANDER NOZZLE MISALIGNED WITH WHEEL
ENGINE WATER DRAIN VALVE HANDLE NUT MISSING	#3 TM DUCT BOOT BOLT LOOSE
ENGINE ROOM FLOORS OILY, HARDWARE, DEBRIS	LEFT REAR ACT MU HANDLE WILL NOT LOCK
ENGINE ROOM SUMP AREA OILY	REAR DRAFT GEAR SUPPORT BOLTS LOOSE
WATER TANK SIGHT GLASS GUARD MISSING	LEFT REAR BREAKAWAY BAR BENT
ENGINE V DIRTY	GOVERNOR CABLE SNOW BOOT NOT SECURED
	EQUIPMENT RACK AIR GAUGE IS B/O
ARRIVED D&D 3/5/08	D14 PIT OILY
3350 GALLONS FUEL	
RADIO ON BOARD	
H.O.T.D. ON BOARD	

