



NATIONAL RAILWAY

LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in bold)

Model	<u>SD40-2</u>	Road No.	<u>NREX 9402</u>	Frame No	<u>74696-32</u>	BUILT	<u>Jun-75</u>
Inspector	<u>TB / QADM</u>	Location	<u>SILVIS</u>	Date	<u>2/13/2008</u>		

BOTTOM INSPECTION

Front	<u>Short</u>	Nose	<u>Low</u>	MU	<u>Yes</u>	MU Hoses	<u>Yes</u>
Dynamics	<u>Yes</u>	Extended	<u>Yes</u>	Grid(s) Condition	<u>OK</u>		
Bell	<u>Yes</u>	Horn	<u>Yes</u>	Frame Condition	<u>OK</u>		
Fuel Tank Size	<u>4400</u>	Retention Tank	<u>Yes</u>	No	Condition	<u>INTERNAL / OK</u>	
Wheels	L1 <u>1 7/8</u>	L4 <u>1 3/4</u>	R1 <u>1 3/4</u>	R4 <u>1 5/8</u>			
SIZE	L2 <u>2 1/8</u>	L5 <u>2</u>	R2 <u>2 1/8</u>	R5 <u>1 15/16</u>			
	L3 <u>1 13/16</u>	L6 <u>1 3/4</u>	R3 <u>2</u>	R6 <u>1 7/8</u>			
Box TYPE	1: Hyatt	2: Hyatt	3: Hyatt	4: Hyatt	5: Hyatt	6: Hyatt	
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>QUANTUM</u>			
Draft Gear Type & Cond	Front <u>390</u>	Rear <u>390</u>					
Draft Gear Pocket Cond	Front <u>GOOD</u>	Rear <u>GOOD</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>HIGH</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>GOOD</u>	Handrail Condition	<u>GOOD</u>				
Engine Type	<u>16-645E3B</u>	S/N	<u>76C21100</u>	EMD Block No (from A frame)	<u>16E75L58</u>	Bars Over	<u>RUNNING</u>
GE Engines:	Block # <u>N/A</u>						
Engine Overall Condition	<u>GOOD</u>	Internal / Bottom End Condition	<u>GOOD</u>				
Turbo P/N	<u>9525597</u>	S/N	<u>97/A3/T12735S</u>	Condition	<u>GOOD</u>	Diffusor Condition	<u>GOOD</u>
Fuel Pump	<u>Yes</u>	PreHeater	<u>Yes</u>	Oil Cooler	<u>Yes</u>	<u>Yes</u>	
Fuel Bypass Valve & Gage	<u>No</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>No</u>		
Air Compressor Type	<u>WBO</u>	Base Style	<u>HIGH</u>	Condition	<u>RTO</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>76J36004</u>	Condition	<u>GOOD</u>		
EMD Aux. Generator Type	<u>18KW</u>	S/N		Condition	<u>GOOD</u>		
GE AUXI	Model <u>N/A</u>	Serial #		Condition			
GE EXCITER	Model <u>N/A</u>	Serial #		Condition			
A.G. Blower Wheel Type	<u>SINGLE</u>	Condition					



FANS

D.B. Fan	Qty.	<u>2</u>	Size	<u>48</u>	Blades	<u>10</u>	Type	<u>Fab</u>
#1 Cool Fan	Size	<u>48</u>	Blades	<u>8</u>	Type	<u>Fab</u>		
#2 Cool Fan	Size	<u>48</u>	Blades	<u>8</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>	No	Inertial Filters & Blower Motor				<u>Yes</u>	
Carbody Condition	<u>GOOD</u>							
Paint Color/Condition	Carbody	<u>GRAY / GOOD</u>			Eng Room	<u>GRAY / DIRTY</u>		Cab <u>GRAY / GOOD</u>

CAB/SHORT NOSE INSPECTION

Cab Condtion	Floor	<u>GOOD</u>	Wall	<u>GOOD</u>	Glass Meet FRA Req	<u>Yes</u>	Condition	<u>GOOD</u>
Cab Lights	<u>Yes</u>	Modules	<u>Yes</u>	# missing	<u>NONE</u>	Air Brake change date	<u>29-Jun</u>	
H.V. Cabinet	Wire Condition	<u>GOOD</u>	Wire Type	<u>Exane</u>	Gear	<u>Magnetic</u>		
Evidence of rewire?	<u>Yes</u>	Comments						
Speedo Type	<u>QUANTUM</u>	Heaters	<u>Electric</u>	<u>Strip</u>	Seats	<u>2</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>NONE</u>	Wipers	<u>YES</u>	Visors	<u>4</u>	
Batteries	<u>In</u>	Condition	<u>GOOD</u>	Style		<u>25 PLATE</u>		
Control Stand Type	<u>AAR</u>	Condition				<u>GOOD</u>		
Radio Equipment	<u>Yes</u>	EOT?	<u>YES</u>	Alerter?	<u>NO</u>			
		Cab Signal?	<u>NO</u>	Computer Control?	<u>NO</u>			

ADDITIONAL DEFECTS/COMMENTS

UNIT ARRIVED RUNNING 2/8/08	D14 PIT OILY
2500 GALLONS FUEL ON BOARD	ENGINE ROOM FLOORS OILY
H.O.T.D ON BOARD	ENGINE ROOM SUMP VERY OILY
NO RADIO	TURBO VERY OILY
BATTERIES GOOD	EQUIPMENT RACK AIR PRESSURE GAUGE MISSING
REPORTED B/O ALERTOR - TRAIL ONLY	OIL LEAK AT SUCTION STRAINER HOUSING ELBOW MARMON SEAL
WATER COOLER MISSING / NOT APPLIED	GOVERNOR SNOW BOOT CLAMP MISSING
LIGHT OI OUT STACK CARBODY & ROOF OILY	ENGINE VEE OILY
DYNAMIC BRAKING CUT OUT	L2 SHOCK ABSORBER WET / LEAKING OIL
LH SLIDER WINDOW STOP BLOCK MISSING	LEFT FRONT OF PLOW PILOT EXTENSION BROKEN / LOOSE
FIRST AID KIT MISSING	#4 TM DUCT MTG. BOLT MISSING
MODESTY LOCK NOT APPLIED	RH FUEL TANK GAUGE IS METRIC / LITERS
FRONT CAB DOR INTERIOR DOOR LOCK LEVER MISSING	RIGHT REAR MR MU HANDLE WILL NOT LOCK
REAR CAB DOR HANDLE SCREWS LOOSE / MISSING	ENGINE ROOM SUMP DRAIN HOSE MISSING
LOAD METER MTG SCREW MISSING	LEFT FRONT TOP STEP MTG BOLTS TOO SHORT
AR10 PIT OILY	



AIR CONDITIONER EQUIPPED

(attach additional pages if needed)