



NATIONAL RAILWAY

LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in bold)

Model	<u>SD45-2</u>	Road No.	<u>NREX6497</u>	Frame No	<u>7391-25</u>	Sold To	<u>CP LTB</u>
Inspector	<u>TB / QADM</u>	Location	<u>SILVIS</u>	Date	<u>2/14/2008</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>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>4,000 GALS</u>	Retention Tank	<u>Yes</u>	Condition	<u>INTERNAL/ GOOD</u>		
Wheels	L1 <u>1 1/4</u>	L4 <u>1 4/5</u>	R1 <u>1 3/8</u>	R4 <u>1 3/4</u>			
SIZE	L2 <u>1 11/16</u>	L5 <u>1 1/2</u>	R2 <u>1 5/8</u>	R5 <u>1 1/2</u>			
	L3 <u>1 3/4</u>	L6 <u>1 5/8</u>	R3 <u>1 7/8</u>	R6 <u>1 11/16</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>QUANTUM, 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>GOOD</u>	Handrail Condition	<u>GOOD</u>				
Engine Type	<u>20-645E3</u>	S/N	<u>78K31509</u>	EMD Block No (from A frame)	<u>20E71B130</u>	Bars Over	<u>Yes</u>
Engine Overall Condition	<u>GOOD</u>	Internal / Bottom End Condition	<u>GOOD</u>				
Turbo P/N	<u>9525598</u>	S/N	<u>01A39007</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 / No</u>
Fuel Bypass Valve & Gage	<u>No</u>	Spark Arrestors	<u>Yes / No</u>	Exhaust Leaks	<u>No</u>		
Spin On Filters	<u>Yes</u>	Load Reguator Style	<u>SMALL</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>	Paper	<u>Other</u>				
Air Brake Type/System	<u>26L</u>	Condition	<u>GOOD</u>				
EMD Main Gen/Alt. Type	<u>AR10</u>	S/N	<u>77B36003</u>	Condition	<u>GOOD</u>		
EMD Aux. Generator Type	<u>14KW</u>	S/N		Condition	<u>GOOD</u>		
GE AUXI	Model <u>N/A</u>						
GE EXCITER	Model <u>N/A</u>						
A.G. Blower Wheel Type	<u>SINGLE</u>	Condition	<u>GOOD</u>				



FANS

D.B. Fan	Qty. <u>2</u>	Size <u>48"</u>	Blades <u>10</u>	Type	Cast <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>9</u>	Type	<u>Fab</u>	
#3 Cool Fan	Size <u>48"</u>	Blades <u>9</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>BLUE&YELLOW, FADE</u>	Eng Room <u>GRAY, DIRTY</u>	Cab <u>GRAY, DIRTY</u>		

CAB/SHORT NOSE INSPECTION

Cab Condtion	Floor <u>OK</u>	Wall <u>OK</u>	Glass Meet FRA Req	<u>Yes / No</u>	Condition <u>GOOD</u>
Cab Lights	<u>Yes</u>	Modules <u>Yes</u>	# missing <u>0</u>	Air Brake change date _____	
H.V. Cabinet	Wire Condition <u>GOOD</u>	Wire Type <u>Exane</u>	Gear		<u>Magnetic</u>
Evidence of rewire?	<u>Yes</u>	Comments <u>AIR COND EQUIPPED</u>			
Speedo Type <u>PULSE</u>	Heaters	<u>Electric</u>	<u>Strip</u>	Seats <u>3</u>	Arm Rests <u>No</u>
Cab Cards <u>Yes</u>	Event Recorder Equipped		<u>Yes</u>	Type <u>QUANTUM CARD</u>	
Toilet Type <u>MICROPHOR</u>	Water Cooler Type <u>UNKWN</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>NO</u>	Alerter? <u>NO</u>		
		Cab Signal? <u>NO</u>	Computer Control? <u>NO</u>		

ADDITIONAL DEFECTS/COMMENTS

TRACTION MOTOR CUTOUT SWITCH SEAL MISSING	REAR LH & RH CROSSWALK BREAKAWAY BARS BENT
OIL SEPERATOR HOUSING IS CRACKED, LEAKING OIL	LEFT REAR SHUTTER VANE DISCONNECTED / BOLT MISISNG
FLOOR OILY UNDER EQUIPMENT RACK	LH SHUTTER GUARD MTG BOLTS MISSING
ENGINE V DIRTY	#7 FUEL LINE JUMPER TOP DECK SEAL LEAKING
NO RADIO	TURBO SOAKBACK FILTER LEAKING
NO H.O.T.D.	#1 TEST COCK SEAL LEAKING
UNIT ARRIVED DEAD & DRAINED 2/13/08	ENGINE VEE VERY OILY / DIRTY
2200 GALLONS FUEL ON BOARD	ENGINE ROOM SUMP & FLOORS VERY OILY
BATTERIES GOOD	FRONT COUPLER SUPPORT BOLTS LOOSE
A/C CAPS REMOVED	REAR KNUCKLE PIN BORE WORN EGG SHAPED
AIR DRYER EQD.	STACK NOT COVERED
AIR COND EQD.	TURBO HATCH MTG BOLTS MISSING
RH SLIDER WINDOW STOP BLOCK MISSING	INERTIA HATCH MTG BOLTS MISISNG
SHORT NOSE DOOR SEAL MISSING / REMOVED	REAR CAB DOOR LOCK LEVER MISSING
BOTTOM HV CABINET COVER NOT SECURED	TOILET NEEDS CLEANED AND SERVICED
AR10 / D14 PITS OILY	DB C/O SWITCH MTG SCREWS MISSING