



NATIONAL RAILWAY

LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in bold)

Model	SD50	Road No.	NREX5071	Frame No	847049-12	Sold To	NREC OWNED, BNSF LTB
Inspector	T.BRIGGS	Location	SILVIS	Date	1/2/2007		

BOTTOM INSPECTION

Front	Short	Long	Nose	High	Low	MU	Yes	No	MU Hoses	Yes / No
Dynamics	Yes	No	Extended	Yes	No	Grid(s) Condition	OK			
Bell	Yes	No	Horn	Yes	No	Frame Condition	OK			
Fuel Tank Size	4,000 GALS		Retention Tank	Yes	No	Condition	OK			
Wheels	L1	L4		R1		R4				
SIZE	L2	L5		R2		R5		SEE ATTACHED		
	L3	L6		R3		R6		WHEEL REPORT		
Box TYPE	1: Hyatt/Timken	2: Hyatt/Timken	3: Hyatt/Timken	4: Hyatt/Timken	5: Hyatt/Timken	6: Hyatt/Timken				
T.M. Type	1	D87B	4	D87B	List cut / missing TM leads	NONE				
	2	D87B	5	D87	Gear Ratio	70:18	Brake Shoe Type	COMP		
	3	D87	6	D87B	Axle Drive Type & Conc	UNKNOWN, OK				
Draft Gear Type & Cond	Front	390	Rear	390						
Draft Gear Pocket Cond	Front	OK	Rear	OK						
Coupler Type	Front	E	Rear	E	Self-aligning	YES	Condition	OK		
Pilot Type	PLATE		General Condition	OK	Plow Type	MEDIUM				
Truck Type	1	HTC	2	HTC	Rigging Pin Type	1	SINGLE	2	SINGLE	
Brake Cyl.	1	High	Low	2	High	Low				

LONGHOOD INSPECTION

Walkway Condition	OK	Handrail Condition	OK							
Engine Type	16-645F3B	S/N	98H472	EMD Block No (from A frame)	3017.23.000.0	Bars Over	Yes / No			
GE Engines:	Block #	H' number	Manufacturer	Japstar	Anleister	BCI	Other			
Engine Overall Condition	OK	Internal / Bottom End Condition	OK							
Turbo P/N	9543498	S/N	95B1068	Condition	OK	Diffusor Condition	OK			
Fuel Pump	Yes	No	PreHeater	Yes	No	Oil Cooler	Yes	No	Starter	Yes / No
Fuel Bypass Valve & Gage	Yes	No	Spark Arrestors	Yes / No	Exhaust Leaks	Yes	No			
Spin On Filters	Yes	No	Load Reguator Style		Defect Tag	Yes	No			
Radiators	In	Out	Leaks?	Yes	No	Radiator Type	Soldered	Mech. Bond		
Fire Extinguishers:	Longhood	Yes	No	Cab	Yes	No				
AC Cabinet	YES	Fan Fuses	Yes	No	200 Lb. Air Gauge	Yes	No			
Air Compressor Type	WBO	Base Style	HIGH	Condition	OK					
Air filter media type	Baggie	Paper	Other							
Air Brake Type/System	26L			Condition	OK					
EMD Main Gen/Alt. Type	AR11	S/N		Condition	OK					
EMD Aux. Generator Type	18KW	S/N		Condition	OK					
GE AUXI	Model	Serial #		Condition						
GE EXCITER	Model	Serial #		Condition						
A.G. Blower Wheel Type	SINGLE			Condition	OK					



FANS

D.B. Fan	Qty.	<u>1</u>	Size	<u>60"</u>	Blades	<u>10</u>	Type	<u>Cast</u>	<u>Fab</u>
#1 Cool Fan	Size	<u>48"</u>	Blades	<u>6</u>	Type	<u>Cast</u>	<u>Fab</u>	GE, ALCO	
#2 Cool Fan	Size	<u>48"</u>	Blades	<u>6</u>	Type	<u>Cast</u>	<u>Fab</u>	Fan Drive Type	
#3 Cool Fan	Size	<u>48"</u>	Blades	<u>6</u>	Type	<u>Cast</u>	<u>Fab</u>	Eddy Current	Direct Drive
#4 Cool Fan	Size	<u> </u>	Blades	<u> </u>	Type	<u>Cast</u>	<u>Fab</u>	Condition	<u> </u>
Equipment Rack	<u>Yes</u>	No	Type	<u> </u>	Inertial Filters & Blower Motor	<u>Yes</u>	No		
Carbody Condition	<u>OK</u>								
Paint Color/Condition	Carbody	<u>YELLOW, DIRTY</u>			Eng Room	<u>GRAY, DIRTY</u>		Cab	<u>GRAY, OK</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>OK</u>	
Cab Lights	<u>Yes / No</u>	Modules	<u>Yes / No</u>	# missing	<u>0</u>	Air Brake change date	<u>12/17/06</u>		
H.V. Cabinet	Wire Condition	<u>OK</u>	Wire Type	<u>Exane</u>	Hyplon	Gear	<u>Magnetic</u>	Pnuematic	
Evidence of rewire?	<u>Yes</u>	<u>No</u>	Comments	<u> </u>					
Speedo Type	<u>BARCO</u>	Heaters	Water	<u>Electric</u>	<u>Strip</u>	Seats	<u>3</u>	Arm Rests	<u>Yes / No</u>
Cab Cards	<u>Yes / No</u>	(If yes, record available data)	Event Recorder Equipped	<u>Yes / No</u>	Type	<u>QTRON</u>			
Toilet Type	<u>PRIME</u>	Water Cooler Type	<u>MEI</u>	Wipers	<u>OK</u>	Visors	<u>1</u>		
Batteries	<u>In</u>	Out	Condition	<u>OK</u>	Style	<u>UNITIZED</u>			
Control Stand Type	<u>AAR</u>	Round	Cash Register/Pedestal	Condition		<u>OK</u>			
Radio Equipment	<u>Yes</u>	No	EOT?	<u>X</u>	Alerter?	<u>X</u>			
			Cab Signal?	<u>X</u>	Computer Control?	<u>X</u>			

ADDITIONAL DEFECTS/COMMENTS

REAR CONTROL STAND COVERS REMOVED

DYNAMIC BRAKE CUTOUT SEAL MISSING

SPARE 400A STARTING FUSE MISSING

150 PSI SAFETY VALVE POPPING - CCS NEEDS ADJUSTED

ENGINE ROOM SUMP OILY, HARDWARE, DEBRIS

AIR COMPRESSOR ROOM FLOOR OILY

ENGINE V OILY

RIGHT REAR MR MU HANDLE LOOSE

RIGHT REAR ACT, IAR HANDLES LOOSE

RIGHT HAND MR ABDV LEAKING

LEFT HAND SIDE SILL BENT, DAMAGED



(attach additional pages if needed)