



NATIONAL RAILWAY

## LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in **bold**)

Model SD50 Road No. NREX5070 Frame No No Data Sold To NREC OWNED, BNSF LTB  
Inspector T.BRIGGS - D.WILLIAMS Location SILVIS Date 12/19/2006

## BOTTOM INSPECTION

Front	<b>Short</b>	Long	Nose	High	Low	MU	<b>Yes</b>	No	MU Hoses	<b>Yes / No</b>
Dynamics	<b>Yes</b>	No	Extended	<b>Yes</b>	No	Grid(s) Condition	<u>GOOD</u>			
Bell	<b>Yes</b>	No	Horn	<b>Yes</b>	No	Frame Condition	<u>GOOD</u>			
Fuel Tank Size	<u>4,000 GALS</u>		Retention Tank	<b>Yes</b>	No	Condition	<u>GOOD</u>			
Wheels	L1	L4	R1		R4					
SIZE	L2	L5	R2		R5		<u>SEE ATTACHED</u>			
	L3	L6	R3		R6		<u>WHEEL REPORT</u>			
Box TYPE	1: <u>Hyatt/Timken</u>		2: <u>Hyatt/Timken</u>		3: <u>Hyatt/Timken</u>		4: <u>Hyatt/Timken</u>		5: <u>Hyatt/Timken</u> 6: <u>Hyatt/Timken</u>	
T.M. Type	1	<u>D87B</u>	4	<u>D87</u>	List cut / missing TM leads		<u>NONE</u>			
	2	<u>D87B</u>	5	<u>D87</u>	Gear Ratio <u>70:18</u>		Brake Shoe Type		<u>COMP</u>	
	3	<u>D87</u>	6	<u>D87</u>	Axle Drive Type & Cond		<u>QTRON, 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>	Low	2	<u>High</u>	Low				

## LONGHOOD INSPECTION

Walkway Condition	<u>GOOD</u>				Handrail Condition	<u>GOOD</u>				
Engine Type	<u>16-645F3B</u>	S/N	<u>85C21003</u>	EMD Block No (from A frame)	<u>16E85F9</u>	Bars Over	<b>Yes / No</b>			
GE Engines:	Block #	H' number	Manufacturer	<u>Japstar</u>	<u>Anleister</u>	<u>BCI</u>	<u>Other</u>			
Engine Overall Condition	<u>GOOD</u>				Internal / Bottom End Condition	<u>GOOD</u>				
Turbo P/N	<u>9543498</u>	S/N	<u>03/E3/T32494R</u>	Condition	<u>GOOD</u>		Diffusor Condition	<u>GOOD</u>		
Fuel Pump	<b>Yes</b>	No	PreHeater	<b>Yes</b>	No	Oil Cooler	<b>Yes</b>	No	Starter	<b>Yes / No</b>
Fuel Bypass Valve & Gage	<b>Yes</b>	No	Spark Arrestors	<b>Yes / No</b>		Exhaust Leaks	<b>Yes</b>	No		
Spin On Filters	<b>Yes</b>	No	Load Reguator Style	<u>SMALL</u>		Defect Tag	<b>Yes</b>	No		
Radiators	<b>In</b>	<b>Out</b>	Leaks?	<b>Yes</b>	No	Radiator Type	<b>Soldered</b>	<b>Mech. Bond</b>		
Fire Extinguishers:	Longhood	<b>Yes</b>	No	Cab	<b>Yes</b>	No				
AC Cabinet	<u>YES</u>	Fan Fuses	<b>Yes</b>	No	200 Lb. Air Gauge	<b>Yes</b>	No			
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>AR11</u>	S/N	<u>86F11027</u>	Condition	<u>GOOD</u>					
EMD Aux. Generator Type	<u>18KW</u>	S/N		Condition						
GE AUXI	Model	Serial #		Condition						
GE EXCITER	Model	Serial #		Condition						
A.G. Blower Wheel Type	<u>SINGLE</u>	Condition	<u>GOOD</u>							



## CAB/SHORT NOSE INSPECTION

**ADDITIONAL DEFECTS/COMMENTS**

**B/O DB GRID BLOWER - COULD NOT LOAD TEST UNIT**