



NATIONAL RAILWAY

## LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in bold)

Model	<b>SD40-2</b>	Road No.	<b>NREX 770</b>	Frame No	<b>73634-4</b>	Sold To	<b>NREC</b>
Inspector	<b>T. BRIGGS</b>	Location	<b>SILVIS</b>	BUILT	<b>1973</b>	Date	<b>8/4/2006</b>

## BOTTOM INSPECTION

Front	<b>Short</b>	Long	Nose	High	<b>Low</b>	MU	<b>Yes</b>	No	MU Hoses	<b>Yes / No</b>
Dynamics	<b>Yes</b>	No	Extended	<b>Yes</b>	No	Grid(s) Condition	<b>N/A</b>			
Bell	<b>Yes</b>	No	Horn	<b>Yes</b>	No	Frame Condition				
Fuel Tank Size	<b>3200</b>	Retention Tank	Yes	<b>No</b>	Condition					
Wheels	L1 <b>2 7/8</b>	L4 <b>2 5/8</b>	R1 <b>2 7/8</b>	R4 <b>2 5/8</b>						
SIZE	L2 <b>3</b>	L5 <b>2 3/4</b>	R2 <b>3</b>	R5 <b>2 3/4</b>						
	L3 <b>3 1/8</b>	L6 <b>2 9/16</b>	R3 <b>3 1/8</b>	R6 <b>2 9/16</b>						
Box TYPE	1: Hyatt/Timken	2: Hyatt/Timken	3: Hyatt/Timken	4: Hyatt/Timken	5: Hyatt/Timken	6: Hyatt/Timken				
T.M. Type	1 <b>D77</b>	4 <b>D77</b>	List cut / missing TM leads			<b>NONE</b>				
	2 <b>D77</b>	5 <b>D77</b>	Gear Ratio		<b>62:15:00</b>	Brake Shoe Type		<b>COMPOSITION</b>		
	3 <b>D77</b>	6 <b>D77</b>	Axle Drive Type & Conc			<b>QUANTUM</b>				
Draft Gear Type & Cond	Front <b>391</b>	Rear <b>391</b>								
Draft Gear Pocket Cond	Front <b>OK</b>	Rear <b>OK</b>								
Coupler Type	Front <b>E</b>	Rear <b>E</b>	Self-aligning		<b>YES</b>	Condition		<b>OK</b>		
Pilot Type	<b>PLATE</b>	General Condition	<b>GOOD</b>			Plow Type <b>HIGH</b>				
Truck Type	1 <b>HTC</b>	2 <b>HTC</b>	Rigging Pin Type		1 <b>SINGLE</b>	2 <b>SINGLE</b>				
Brake Cyl.	1 <b>High</b>	Low	2 <b>High</b>	Low						

## LONGHOOD INSPECTION

Walkway Condition	<b>OK</b>	Handrail Condition	<b>OK</b>							
Engine Type	<b>16-645E3B</b>	S/N	<b>72K11088</b>	EMD Block No (from A frame)	<b>1672H162</b>	Bars Over	<b>Yes / No</b>			
GE Engines:	Block #	H' number	Manufacturer	Japstar	Anleister	BCI	Other			
Engine Overall Condition	<b>GOOD</b>			Internal / Bottom End Condition		<b>GOOD</b>				
Turbo P/N	<b>9525597</b>	S/N	<b>90H35009</b>	Condition	<b>OK</b>	Diffusor Condition		<b>OK</b>		
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	Yes	<b>No</b>	Spark Arrestors		<b>Yes / No</b>	Exhaust Leaks		Yes	<b>No</b>	
	Spin On Filters	<b>Yes</b>	No	Load Reguator Style	<b>PANCAKE</b>	Defect Tag		Yes	<b>No</b>	
Radiators	<b>In</b>	Out	Leaks?	Yes	<b>No</b>	Radiator Type		<b>Soldered</b>	Mech. Bond	
Fire Extinguishers:	Longhood	Yes	<b>No</b>	Cab	<b>Yes</b>	No				
AC Cabinet	<b>OK</b>	Fan Fuses	<b>Yes</b>	No	200 Lb. Air Gauge		<b>Yes</b>	No		
Air Compressor Type	<b>WBO</b>	Base Style	<b>HIGH</b>	Condition	<b>OK</b>					
Air filter media type	<b>Baggie</b>	Paper	<b>Other</b>							
Air Brake Type/System	<b>26L</b>	Condition	<b>OK</b>							
EMD Main Gen/Alt. Type	<b>AR10-A3</b>	S/N	<b>70011112</b>	Condition	<b>OK</b>					
EMD Aux. Generator Type	<b>18KW/AC</b>	S/N	Condition <b>OK</b>							
GE AUXI	Model	Serial #	Condition							
GE EXCITER	Model	Serial #	Condition							
A.G. Blower Wheel Type	<b>SINGLE</b>			Condition	<b>OK</b>					



FANS

D.B. Fan	Qty. <u>2</u>	Size <u>48"</u>	Blades <u>10</u>	Type <u>Cast</u>	<u>Fab</u>	
#1 Cool Fan	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>	<u>Fab</u>	GE, ALCO	
#2 Cool Fan	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>	<u>Fab</u>	Fan Drive Type	
#3 Cool Fan	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>	<u>Fab</u>	Eddy Current	Direct Drive
#4 Cool Fan	Size _____	Blades _____	Type <u>Cast</u>	<u>Fab</u>	Condition _____	
Equipment Rack	<u>Yes</u>	No	Type _____	Inertial Filters & Blower Motor		<u>Yes</u> No
Carbody Condition	<u>OK</u>					
Paint Color/Condition	Carbody <u>RED /WHITE /FADED</u>	Engine Room <u>WHITE / DIRTY</u>	Cab <u>WHITE / 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>OK</u>
Cab Lights	<u>Yes / No</u>	Modules <u>Yes / No</u>	# missing <u>0</u>	Air Brake change date <u>21-Jun</u>	
H.V. Cabinet	Wire Condition <u>GOOD</u>	Wire Type <u>Exane</u>	Hyclon	Electric Switch	Gear <u>Magnetic</u> Pnuematic
Evidence of rewire?	<u>Yes</u>	No	Comments _____		
Speedo Type <u>QUANTUM</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 _____
Toilet Type <u>NONE</u>	Water Cooler Type <u>HYLAN</u>	Wipers <u>OK</u>	Visors <u>NONE</u>		
Batteries	<u>In</u>	Out	Condition <u>OK</u>	Style <u>25 PLATE</u>	
Control Stand Type <u>AAR</u>	Round	Cash Register/Pedestal		Condition <u>GOOD</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

**T/M CUTOUT SWITCH MISSING**

**PIECE OF STEEL LAYING ON TURBO DIFFUSER**

**#2 GEAR CASE PINION SEAL LEAKING**

**Equipped with winterization hatch on #1 fan**



A large rectangular area enclosed by a dashed border, containing 25 horizontal solid lines for writing.

(attach additional pages if needed)