



NATIONAL RAILWAY

## LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in bold)

Model	<b>SD40-2</b>	Road No.	<b>NREX5661</b>	Frame No	<b>A2874</b>	BUILT	<b>1973</b>
Inspector	<b>TOM SHARP</b>	Location	<b>SILVIS</b>	Weight	<b>393000</b>	Date	<b>3/31/2012</b>

## BOTTOM INSPECTION

Front	<b>Short</b>	Nose	<b>Low</b>	MU	<b>Yes</b>	MU Hoses	<b>Yes / No</b>
Dynamics	<b>Yes</b>	Extended	<b>No</b>	Grid(s) Condition	<b>GOOD</b>		
Bell	<b>Yes</b>	Horn	<b>Yes</b>	Frame Condition	<b>GOOD</b>		
Fuel Tank Size	<b>3390 (IMP. GAL)</b>	Retention Tank	<b>Yes</b>	No	<b>Condition</b>		
Wheels	L1 <b>2 7/16</b>	L4 <b>2 7/16</b>	R1 <b>2 3/8</b>	R4 <b>2 1/2</b>			
SIZE	L2 <b>2 1/2</b>	L5 <b>2 3/8</b>	R2 <b>2 1/2</b>	R5 <b>2 1/4</b>			
	L3 <b>2 1/4</b>	L6 <b>2 1/2</b>	R3 <b>2 1/4</b>	R6 <b>2 9/16</b>			
Box TYPE	1: <b>Hyatt/Timken</b>	2: <b>Hyatt/Timken</b>	3: <b>Hyatt/Timken</b>	4: <b>Hyatt/Timken</b>	5: <b>Hyatt/Timken</b>	6: <b>Hyatt/Timken</b>	
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</b>	Brake Shoe Type	<b>COMP</b>
	3 <b>D77</b>	6 <b>D77</b>	Axle Drive Type & Conc		<b>QUANTUM GOOD</b>		
Draft Gear Type & Cond	Front <b>390</b>	Rear <b>390</b>					
Draft Gear Pocket Cond	Front <b>OK</b>	Rear <b>OK</b>					
Coupler Type	Front <b>F</b>	Rear <b>F</b>	Self-aligning	<b>YES</b>	Condition	<b>GOOD</b>	
Pilot Type	<b>PLATE</b>	General Condition	<b>BENT</b>	Plow Type	<b>ROCK PLOW</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>GOOD</b>	Handrail Condition	<b>GOOD</b>
Engine Type	<b>16-645E3</b>	S/N	<b>72D21022</b>
EMD Block No (from A frame)	<b>16E72A70</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>84K31216</b>
Condition	<b>GOOD</b>	Diffusor Condition	<b>GOOD</b>
Fuel Pump	<b>Yes</b>	No	PreHeater
		<b>Yes</b>	No
Oil Cooler	<b>Yes</b>	No	Starter
		<b>Yes</b>	<b>Yes / No</b>
Fuel Bypass Valve & Gage	<b>Yes</b>	No	Spark Arrestors
		<b>Yes</b>	<b>Yes / No</b>
Exhaust Leaks	<b>Yes</b>	No	Defect Tag
		<b>Yes</b>	<b>Yes</b>
Spin On Filters	<b>Yes</b>	No	Load Reguator Style
		<b>Yes</b>	<b>PANCAKE</b>
Radiators	<b>In</b>	Out	Leaks?
		<b>In</b>	<b>Yes</b>
Radiator Type	<b>Soldered</b>	Mech. Bond	
		<b>Mech. Bond</b>	
Fire Extinguishers:	Longhood	<b>Yes</b>	Cab
		<b>Yes</b>	<b>Yes</b>
AC Cabinet	<b>YES</b>	Fan Fuses	<b>Yes</b>
		<b>Yes</b>	<b>Yes</b>
200 Lb. Air Gauge	<b>Yes</b>	No	
		<b>Yes</b>	
Air Compressor Type	<b>WABCO</b>	Base Style	<b>HIGH</b>
Condition	<b>REBUILT</b>		
Air filter media type	<b>Baggie</b>	Paper	<b>Other</b>
Air Brake Type/System	<b>26L</b>	Condition	<b>GOOD</b>
EMD Main Gen/Alt. Type	<b>AR10A7</b>	S/N	<b>77L11077</b>
Condition	<b>GOOD</b>		
EMD Aux. Generator Type	<b>18KWAC</b>	S/N	
Condition	<b>GOOD</b>		
GE AUXI	Model	Serial #	Condition
GE EXCITER	Model	Serial #	Condition
A.G. Blower Wheel Type	<b>SINGLE</b>	Condition	<b>GOOD</b>





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(attach additional pages if needed)