



(circle items in bold)

Model	SD40-2T	Road No.	NREX8865	Frame No	786265-59	Sold To	NREC OWNED, BNSF LTB
Inspector	T.BRIGGS	Location	SILVIS	Date	12/30/2006		

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 No Access	4 No Access	List cut / missing TM leads				NONE			
	2 No Access	5 No Access	Gear Ratio		62:15	Brake Shoe Type		COMP		
	3 No Access	6 No Access	Axle Drive Type & Conc				NONE			
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				BENT	Plow Type		HIGH	
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	16-645E3	S/N	80D11157	EMD Block No (from A frame)	16E8DC118	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	9525597	S/N	05/A3/T41463R	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		PANCAKE	Defect Tag		Yes	No	
Radiators	In	Out	Leaks?	Yes	No	Radiator Type		Soldered	Mech. Bond	
Fire Extinguishers:	Longhood	Yes	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	AR10	S/N	80D11162	Condition	OK					
EMD Aux. Generator Type	14KW	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>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>9</u>	Type <u>Cast</u>	Fab	<u>GE, ALCO</u>
#2 Cool Fan	Size <u>48"</u>	Blades <u>9</u>	Type <u>Cast</u>	Fab	<u>Fan Drive Type</u>
#3 Cool Fan	Size _____	Blades _____	Type <u>Cast</u>	Fab	<u>Eddy Current Direct Drive</u>
#4 Cool Fan	Size _____	Blades _____	Type <u>Cast</u>	Fab	<u>Condition</u>
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>GRAY, FADED</u>	Eng Room <u>GRAY, DIRTY</u>	Cab <u>GRAY, WORN</u>		

CAB/SHORT NOSE INSPECTION

Cab Condition	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>9/15/05</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>	No	Comments _____		
Speedo Type <u>NONE</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>MICROPHOR</u>	Water Cooler Type <u>VAPOR</u>	Wipers <u>OK</u>	Visors <u>3</u>	Style _____	
Batteries <u>In</u>	Out	Condition <u>OK</u>	Style _____		
Control Stand Type <u>AAR</u>	Round	Cash Register/Pedestal	Condition <u>OK</u>	_____	
Radio Equipment	Yes	No	EOT? <u>X</u>	Alerter? <u>X</u>	
			Cab Signal? <u>X</u>	Computer Control? <u>X</u>	

ADDITIONAL DEFECTS/COMMENTS

ENGINE V DIRTY

ENGINE ROOM FLORS & SUMP OILY, DIRTY, DEBRIS

D14 PIT OILY

FLOOR OILY UNDER EQUIPMENT RACK

LEFT HAND LAYSHAFT SUPPORT BEARING B/O

TURBO EDUCTOR TUBE BOLT MISSING

REAR CONTROL STAND COVER MISSING

NO CAB CARD HOLDER IN CAB

RACK IS .80 AT THROTTLE #8 (.83/900 RPM GOVERNOR)

RIGHT FRONT IAR, MR MU HANDLES LOOSE

LEFT REAR MR MU HANDLE LOOSE



LOAD TEST:

3,258 HORSEPOWER

1,178 VOLTS

1,936 AMPS

19 PSI - AIRBOX

2.7" CC VACCUM

**** PSI - OIL PRESSURE AT PUMP**

68 PSI - OIL PRESSURE A GAUGE

904 RPM / .80 RACK

(attach additional pages if needed)