



NATIONAL RAILWAY

LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in bold)

Model	SD40-2	Road No.	NREX 6300	Frame No	72640-7	BUILT	1973
Inspector	TB / QADM	Location	SILVIS	Date	2/15/2008		

BOTTOM INSPECTION

Front	Short	Nose	Low	MU	Yes	MU Hoses	Yes
Dynamics	Yes	Extended	No	Grid(s) Condition	GOOD		
Bell	Yes	Horn	Yes	Frame Condition	GOOD		
Fuel Tank Size	3200	Retention Tank	No				
Wheels	L1 2 11/16	L4 2 3/4	R1 2 3/4	R4	2 3/4		
SIZE	L2 2 1/2	L5 2 3/4	R2 2 5/8	R5	2 13/16		
	L3 2 1/2	L6 2 9/16	R3 2 1/2	R6	2 3/4		
Box TYPE	1: Hyatt	2: Hyatt	3: Hyatt	4: Hyatt	5: Hyatt	6: Hyatt	
T.M. Type	1 D77	4 D77	List cut / missing TM leads				NONE
	2 D77	5 D77	Gear Ratio		62/15	Brake Shoe Type COMP	
	3 D77	6 D77	Axle Drive Type & Conc PULSE /G				
Draft Gear Type & Cond	Front 390	Rear 390					
Draft Gear Pocket Cond	Front GOOD	Rear GOOD					
Coupler Type	Front E	Rear E		Self-aligning YES		Condition GOOD	
Pilot Type	PLATE	General Condition			Plow Type HIGH		
Truck Type	1 HTC	2 HTC	Rigging Pin Type		1 SINGLE	2 SINGLE	
Brake Cyl.	1 High	2 High					

LONGHOOD INSPECTION

Walkway Condition	GOOD	Handrail Condition	GOOD				
Engine Type	16-645E3	S/N	76M31516	EMD Block No (from A frame)	16E76K40	Bars Over	Yes
Engine Overall Condition	GOOD	Internal / Bottom End Condition			GOOD		
Turbo P/N	9525597	S/N	92J2A14	Condition	GOOD	Diffusor Condition	GOOD
Fuel Pump	Yes	PreHeater	Yes	Oil Cooler	Yes	Starter	Yes
Fuel Bypass Valve & Gage	No		Spark Arrestors	No		Exhaust Leaks	No
Spin On Filters	Yes		Load Reguator Style	PANCAKE		Defect Tag	No
Radiators	In		Leaks?	No		Radiator Type	Soldered
Fire Extinguishers:	Longhood	Yes		Cab	Yes		
AC Cabinet	YES		Fan Fuses	Yes		200 Lb. Air Gauge	Yes
Air Compressor Type	WBO		Base Style	HIGH	Condition	GOOD	
Air filter media type	Baggie						
Air Brake Type/System	26L			Condition	GOOD		
EMD Main Gen/Alt. Type	AR10		S/N	72F11046	Condition	GOOD	
EMD Aux. Generator Type	14 KW		Condition GOOD				
A.G. Blower Wheel Type	SINGLE			Condition	GOOD		



FANS

D.B. Fan	Qty. <u>2</u>	Size <u>48</u>	Blades <u>10</u>	Type <u>Fab</u>
#1 Cool Fan	Size <u>48</u>	Blades <u>8</u>	Type <u>Fab</u>	
#2 Cool Fan	Size <u>48</u>	Blades <u>8</u>	Type <u>Fab</u>	
#3 Cool Fan	Size <u>48</u>	Blades <u>8</u>	Type <u>Fab</u>	
Equipment Rack	<u>Yes</u>	Inertial Filters & Blower Motor		<u>Yes</u>
Carbody Condition	<u>RUTED AREAS / FAIR</u>			
Paint Color/Condition	Carbody <u>BLUE / FADED</u>	Eng Room <u>GRAY / DIRTY</u>	Cab <u>GRAY / WORN & FADED</u>	

CAB/SHORT NOSE INSPECTION

Cab Condtion	Floor <u>GOOD</u>	Wall <u>GOOD</u>	Glass Meet FRA Req <u>Yes</u>	Condition <u>GOOD</u>
Cab Lights	<u>Yes</u>	Modules <u>Yes</u>	# missing <u>NONE</u>	Air Brake change date _____
H.V. Cabinet	Wire Condition <u>GOOD</u>	Wire Type <u>Exane</u>	Gear <u>Magnetic</u>	
Evidence of rewire?	<u>Yes</u>	Comments _____		
Speedo Type <u>PULSE</u>	Heaters <u>Electric Strip</u>	Seats _____	Arm Rests <u>Yes</u>	
Cab Cards	Yes / No (If yes, record available data)	Event Recorder Equipped <u>Yes</u>	Type <u>WABTEC</u>	
Toilet Type <u>MEI</u>	Water Cooler Type <u>DAYTON</u>	Wipers <u>YES</u>	Visors <u>2</u>	
Batteries	<u>Out</u>	Condition <u>GOOD</u>		
Control Stand Type <u>AAR</u>				
Radio Equipment	<u>Yes</u>	EOT? <u>YES</u>	Alerter? <u>PULSE</u>	
		Cab Signal? <u>NO</u>	Computer Control? <u>NO</u>	

ADDITIONAL DEFECTS/COMMENTS

ARRIVED D&D 2/11/08	#1 EXHAUST MANIFOLD CRACKED AT #2/10 LEGS
550 GALLONS FUEL	#2 EXHAUST MANIFOLD CRACKED AT #3/11 LEGS
RADIO ON BOARD	#3 EXHAUST MANIFOLD CRACKED AT #6/14 LEGS
H.O.T.D. ON BOARD	TURBO SCREEN LEAKING OIL AT FLANGE BOLTS
REAR CAB DOOR RUSTED THRU	TURBO BOOT ANTI SLIP CLIPS NOT APPLIED
AREA UNDER REAR CAB STEPS RUSTED THRU	ENGINE VEE OILY / HARDWARE
AREA UNDER HAND BRAKE RUSTED THRU	#1 EXHAUST MANIFOLD HEAT SHIELD CRACKED
REAR CAB DOOR LATCH MTG BOLTS MISSING	LH LAYSHAFT SUPPORT BEARING LOOSE
ENGINEERS OVERHEAD LIGHT SCREWS LOOSE	FRONT CAB DOOR BOTTOM HINGE BOLTS BROEKN OFF
AIR GAUGE FACEPLATE MTG SCREW MISSING	HVC AIR FILTER HOUSING LID BOLT MISSING
CONDUCTORS TABLE MISSING	RH DB GRID GUARD BOLTS LOOSE / MISSING
RH WING MIRROR MISSING	LH DB GRID GUARD BOLTS LOOSE / MISSING
12 INERTIA HATCH BOLTS MISSING	#1 COOLING FAN GUARD BOLTS AND CLIPS MISSING
TURBO HATCH BOLTS LOOSE / MISSING	#2 COOLING FAN GUARD BOLTS AND CLIPS MISSING
#4 TM DUCT BOOT BOLT MISSING	#3 COOLING FAN GUARD BOLTS AND CLIPS MISSING
ENGIE SKIRTS MISSING	



(attach additional pages if needed)





