NATIONAL RAILWAY | LOCOMOTIVE INBOUND INSPECTION REPORT | QF-10007 REV 1

(circle items in bold)

Model SD40-2 Road No. NREX5668 Frame No A2881 BUILT 1973

Inspector TOM SHARP Location SILVIS Weight 393000 Date 3/26/2012

BOTTOM INSPECTION

Front **Short** Nose **Low** MU **Yes** MU Hoses **Yes** / No

Dynamics **Yes** Extended **No** Grid(s) Condition GOOD

Bell **Yes** Horn **Yes** Frame Condition GOOD

Fuel Tank Size 3340 Retention Tank **Yes** No Condition

Wheels								
	L1	3	L4	2 3/4	R1	3	R4	2 5/8
SIZE	L2	2 3/8	L5	2 1/2	R2	2 3/8	R5	2 1/2
	L3	2 5/8	L6	2 5/16	R3	2 5/8	R6	2 1/8

Box TYPE 1: Hyatt/Timken 2: Hyatt/Timken 3: Hyatt/Timken 4: Hyatt/Timken 5: Hyatt/Timken 6: Hyatt/Timken

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 QTRON / (

Draft Gear Type & Cond Front 390 Rear 390

Draft Gear Pocket Cond Front OK Rear OK

Coupler Type Front F Rear F Self-aligning YES Condition GOOD

Pilot Type PLATE General Condition GOOD Plow Type ROCK PLOW

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 GOOD Handrail Condition GOOD

Engine Type 16-645E3 S/N 74L11045 EMD Block No (from A frame) 16E74J46 Bars Over **Yes** / No

GE Engines: Block # H' number Manufacturer Japstar Anleister BCI Other

Engine Overall Condition GOOD Internal / Bottom End Condition GOOD

Turbo P/N 8368596 S/N 7C01217TF Condition GOOD Diffusor Condition GOOD

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** No Cab **Yes** No

AC Cabinet YES Fan Fuses **Yes** No 200 Lb. Air Gauge **Yes** No

Air Compressor Type WABCO Base Style HIGH Condition RTO

Air filter media type **Baggie** Paper Other

Air Brake Type/System 26L Condition GOOD

EMD Main Gen/Alt. Type AR10 S/N 74M11086 Condition GOOD

EMD Aux. Generator Type 18KW S/N Condition GOOD

GE AUXI Model Serial # Condition

GE EXCITER Model Serial # Condition

A.G. Blower Wheel Type SINGLE Condition GOOD

FANS

D.B. Fan	Qty.	2	Size	48	Blades	10	Type	Cast	Fab		
#1 Cool Fan	Size	48	Blades	8	Type	Cast	Fab				
#2 Cool Fan	Size	48	Blades	8	Type	Cast	Fab				
#3 Cool Fan	Size	48	Blades	8	Type	Cast	Fab				
#4 Cool Fan	Size		Blades		Type	Cast	Fab				

GE, ALCO

Fan Drive Type

Eddy Current Direct Drive

Condition

Equipment Rack	Yes	No	Type		Inertial Filters & Blower Motor	Yes	No
Carbody Condition	GOOD						
Paint Color/Condition	Carbody	GRAY / PEELING	Eng Room	GRAY / DIRTY	Cab	BEIGE / OK	

CAB/SHORT NOSE INSPECTION

Cab Condtion	Floor	GOOD	Wall	GOOD	Glass Meet FRA Req	Yes / No	Condition	GOOD			
Cab Lights	Yes / No	Modules	Yes / No	# missing	NONE	Air Brake change date					
H.V. Cabinet	Wire Condition	GOOD	Wire Type	Exane	Hyplon	Gear		Magnetic	Pnuematic		
Evidence of rewire?	Yes	No	Comments								
Speedo Type	QTRON	Heaters	Water	Electric	Strip	Seats	2	Arm Rests	Yes / No		
Cab Cards	Yes / No	(If yes, record available data)	Event Recorder Equipped	Yes / No	Type	QTRON					
Toilet Type	UNKOWN	Water Cooler Type	OASIS	Wipers	YES	Visors	4				
Batteries	In	Out	Condition		Style						
Control Stand Type	AAR	Round	Cash Register/Pedestal		Condition	GOOD					
Radio Equipment	Yes	No	EOT?	X	Alerter?	X					
			Cab Signal?	X	Computer Control?	X					

ADDITIONAL DEFECTS/COMMENTS

INERTIA HATCH MTG BOLTS LOOSE & MISSING

TURBO HATCH

BATTERIES REMOVE

BACH SIMPSON TEMP & CONTROL EQUIPPED

1500 GALS OF FUEL

(attach additional pages if needed)