



NATIONAL RAILWAY

LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1e

Model	SD50	Road No.	5002	Frame No	847008-4	Sold To	
OEM Serial#		Date Built		Origin			
Inspector	Briggs	Location	Silvis	Date	9/20/2011		

BOTTOM INSPECTION

Front	Short	Nose	Low	MU	Yes	MU Hoses	Yes
Dynamics	Yes	Extended	Yes	Grid(s) Condition	Good		
Bell	Yes	Horn	Yes	Frame Condition	Good		
Fuel Tank Size	4500 (empty)	Retention Tank	Yes	Condition	Good		
Wheels	L1 1 3/8	L4 2	R1 1 3/4	R4 2 1/8			
SIZE	L2 2 1/4	L5 1 11/16	R2 2 1/8	R5 1 3/4			
	L3 1 15/16	L6 2 1/8	R3 2	R6 2 1/8			
Box TYPE	1: Timken	2: Timken	3: Timken	4: Hyatt	5: Hyatt	6: Hyatt	
T.M. Type	1	D87	4	D87	List cut / missing TM leads	NONE	
	2	D87	5	D87	Gear Ratio	62/16	Brake Shoe Type COMP.
	3	D87	6	D87	Axle Drive Type & Cond		
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	Bent / Damaged	Plow Type	Medium		
Truck Type	1	HTC	2	HTC	Rigging Pin Type	1	Single
Brake Cyl.	1	High	2	High		2	Single

LONGHOOD INSPECTION

Walkway Condition	Good	Handrail Condition	Good sides and rear/ front damaged
Engine Type	16-645F3B	S/N	85B21012
EMD Block No (from A frame)	16F84K15	Bars Over	Yes
Engine Overall Condition	Good, but has oil leaks	Internal / Bottom End Condition	Good
Turbo P/N	8543498	S/N	06H9144TP
Condition	Good	Diffusor Condition	No access
Fuel Pump	Yes	PreHeater	Yes
Oil Cooler	Yes	Starter	Yes
Fuel Bypass Valve & Gage	Yes	Spark Arrestors	No
Exhaust Leaks	Yes	Spin On Filters	Yes
Load Regulator Style	Small	Defect Tag	Yes
Radiators	In	Leaks?	No
Radiator Type	Mech. Bond	Fire Extinguishers:	Longhood
Cab	Yes	AC Cabinet	Yes
200 Lb. Air Gauge	Yes	Fan Fuses	Yes
Base Style		Condition	
Air filter media type	Baggie		
Air Brake Type/System	26L	Condition	Good
EMD Main Gen/Alt. Type	AR11	S/N	No Data
Condition	Good		
EMD Aux. Generator Type	18KW	S/N	No Data
Condition	Good		



FANS

D.B. Fan	Qty.	<u>1</u>				
#1 Cool Fan	Size	<u>48</u>	Blades	<u>6</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	Yes	No	Type		Inertial Filters & Blower Motor	Yes No
Carbody Condition	<u>Good, but has some collision damage at front</u>					
Paint Color/Condition	Carbody	<u>Green, Good</u>	Eng Room	<u>Grey / Dirty, Oily</u>	Cab	<u>Gray / Dirty</u>

CAB/SHORT NOSE INSPECTION

Cab Condition	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	<u>30-Jun</u>	
H.V. Cabinet	Wire Condition	<u>Good</u>	Wire Type	<u>Exane</u>	Gear	<u>Magnetic</u>		
Evidence of rewire?	<u>Yes</u>	Comments	<u>Nforce equipped</u>					
Speedo Type	<u>Quantum</u>	Heaters	<u>Electric</u>	<u>Strip</u>	Seats	<u>2</u>	Arm Rests	<u>Yes</u>
Cab Cards	<u>Yes</u>	Event Recorder Equipped	<u>Yes</u>	Type	<u>Pulse</u>			
Toilet Type	<u>Prime</u>	Water Cooler Type	<u>Oasis</u>	Wipers	<u>Yes</u>	Visors	<u>Yes</u>	
Batteries	<u>In</u>	Condition	<u>Good / Charged</u>	Style	<u>25 Plate</u>			
Control Stand Type	<u>AAR</u>	Condition	<u>Good, but covers removed</u>					
Radio Equipment	<u>Yes</u>	EOT?	<u>X</u>	Alerter?	<u>X</u>			
		Cab Signal?	<u>X</u>	Computer Control?	<u>X</u>			

ADDITIONAL DEFECTS/COMMENTS

<u>Stack not covered / water in turbo</u>	<u>Rear crosswalk chain pull apart ring missing</u>
<u>Front platform has colision damage</u>	<u>Engine lube oil guage is wrong type (Main Resv.)</u>
<u>Front Step wells have collision damage</u>	<u>Guru plug assembly has been removed and plugged</u>
<u>Front ditch light housings broken / mounts bent</u>	<u>AR11 pit oily / dirty</u>
<u>Front plow damaged / parts missing</u>	<u>D14 pit oily / dirty / debris</u>
<u>Short nose collision damaged / dented</u>	<u>Engine room floors oily / dirty / corn / rags</u>
<u>Front coupler bails collision damaged / bent</u>	<u>Engine room sump oily / dirty / corn / debris</u>
<u>Left front end sheet collision damaged / bent</u>	<u>Turbo expansion joint broken / major exhaust leakage</u>
<u>Left front mu hose mount broken</u>	<u>Cab and engine room fire extinguishers are out of date</u>
<u>Right front dummy MU receptacle collision damaged / broken</u>	<u>Cab dirty / corn and debris on floor and in nose area</u>
<u>Rear pilot plate damged / bent</u>	<u>Rear conductors seat is removed / missing</u>
<u>R1 wheel has over riding shoe</u>	<u>All control stand covers removed</u>
<u>R2 wheel has high / thin flange</u>	<u>All mu hoses removed and placed in compressor room</u>
<u>#3 wheels have flat and shelled areas</u>	<u>Toilet need cleaned and serviced</u>
<u>Hand brake wheel damaged / bent</u>	<u>Engine has many oil leaks</u>
<u>#5 TM cable clamp stud broken / clamp missing</u>	<u>Engine vee oily / dirty / debris</u>



All step wells stenciled "DO NOT BOARD"

(attach additional pages if needed)