

NATIONAL RAILWAY

LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

E INBOUND INSPECTION REPORT QF-10007 R					LWAY	
circle items in bold)		 .				
No 786265-58 Sold To NREC OWNED, BNSF LTB		<u>.</u> '	NREX8822	Road No.	SD40-2T	Model
on GALESBURG, IL Date 12/29/2006	GALESBUR	Location			T.BRIGGS	Inspector
OTTOM INSPECTION	TOM INSPEC	вотт				
Low MU Yes No MU Hoses Yes /	Low	High	Nose	Long	Short	Front
No Grid(s) Condition OK	No	Yes	Extended	No	Yes	Dynamics
No Frame Condition OK	No	Yes	Horn	No	Yes	Bell
ank <mark>Yes</mark> No Condition <mark>OK</mark>	Yes	ention Tank	Rete	3	3,900 GALS	Fuel Tank Size
R4		R1		L4		Wheels L1
R5 SEE ATTACHED		R2		L5		SIZE L2
R6 WHEEL REPORT		R3		L6		L3
yatt/Timken 4: Hyatt/Timken 5: Hyatt/Timken 6: Hyatt/Timken	/Timken	n 3: Hyatt	Hyatt/Timke	imken 2:	1: Hyatt/Ti	Box TYPE
List cut / missing TM leads NONE	List cut / r	No Access	4	No Access	1	T.M. Type
Sess Gear Ratio 62:15 Brake Shoe Type COMP	Gear Ratio	No Access	5	No Access	2	
Axle Drive Type & Conc NONE	Axle Drive	No Access	6	No Access	3	
Rear <u>390</u>	Rear		390	Front	pe & Cond	Oraft Gear Typ
Rear OK	Rear		OK	Front	cket Cond	Oraft Gear Poo
Self-aligning YES Condition OK	Se	Е	Rear	Е	Type Front	Coupler T
	OK	I Condition	Genera		PLATE	Pilot Type
ion OK Plow Type MEDIUM	<u> </u>		•			
Rigging Pin Type 1 SINGLE 2 SING	Riggin	HTC		HTC		Truck Type
	Riggin		2 Low	HTC High		Truck Type Brake Cyl.
Rigging Pin Type 1 SINGLE 2 SING	Riggin High	2 LONG		High		
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION	Riggin High HOOD INSPI	2 LONG	Low	High		Brake Cyl.
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION	Riggin High HOOD INSPI Handrail	2 LONGI	Low	High OK	Condition	Brake Cyl.
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK	Riggin High HOOD INSPI Handrail Block No (fro	LONGI EMD E	Low	High OK S/N	Condition	Brake Cyl. Walkway
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes /	Riggin High HOOD INSPI Handrail Block No (fro anufacturer	LONGI EMD E	Low 80C11071	High OK S/N	Condition 16-645E3B Block #	Brake Cyl. Walkway Engine Type
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK	Riggin High HOOD INSPI Handrail Block No (fro anufacturer	LONGI EMD E	80C11071 H' number	High OK S/N	Condition 16-645E3B Block #	Brake Cyl. Walkway Engine Type GE Engines: Engine Overall
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK	Rigging High HOOD INSPE Handrail Block No (fro anufacturer Internal / Be	LONGH EMD E	Low 80C11071 H' number	High OK S/N	Condition 16-645E3B Block # Condition 9525597	Brake Cyl. Walkway Engine Type GE Engines: Engine Overall
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK Condition OK Diffusor Condition OK	Rigging High HOOD INSPI Handrail Block No (from anufacturer Internal / Bo	2 LONGH EMD E M: 050605019 Yes	80C11071 H' number	High OK S/N OK	Condition 16-645E3B Block # Condition 9525597 Yes	Walkway Engine Type GE Engines: Engine Overall Turbo P/N
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No	Rigging High HOOD INSPE Handrail Block No (from an ufacturer Internal / Book No rk Arrestors	2 LONGH EMD E M: 050605019 Yes	80C11071 H' number S/N PreHeater	High OK S/N OK No Yes	Condition 16-645E3B Block # Condition 9525597 Yes	Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No	Rigging High HOOD INSPI Handrail Block No (from anufacturer Internal / Boundary No and Arrestors tor Style	2 LONGH EMD E M 050605019 Yes Spar	80C11071 H' number S/N PreHeater No	High OK S/N OK No Yes	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage	Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No guator Style PANCAKE Defect Tag Yes No	Rigging High HOOD INSPI Handrail Block No (from an ufacturer internal / Boundard inter	LONGH EMD E M 050605019 Yes Spai Load Reguar	80C11071 H' number S/N PreHeater No No Leaks?	High OK S/N OK No Yes Yes	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters	Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No guator Style PANCAKE Defect Tag Yes No Radiator Type Soldered Mech. Bond	Riggine High HOOD INSPI Handrail Block No (from anufacturer Internal / Book No (from anufacturer Internal / Book No (from Style No Cab	LONGH EMD E M 050605019 Yes Spai Load Reguar Yes	B0C11071 H' number S/N PreHeater No No Leaks?	High OK S/N OK No Yes Yes Out	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters	Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va Spir Radiators Fire Extinguish
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No guator Style PANCAKE Defect Tag Yes No Cab Yes No C	Rigging High HOOD INSPI Handrail Block No (from anufacturer Internal / Boundard Arrestors tor Style No Cab No	LONGH EMD E M 050605019 Yes Spar Load Reguer Yes No Yes	80C11071 H' number S/N PreHeater No No Leaks? Yes	High OK S/N OK No Yes Yes Out	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters In ners:	Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va Spir Radiators Fire Extinguish
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No Guator Style PANCAKE Defect Tag Yes No No Radiator Type Soldered Mech. Bond Cab Yes No No 200 Lb. Air Gauge Yes No Condition OK	Rigging High HOOD INSPI Handrail Block No (from anufacturer Internal / Boundard Arrestors tor Style No Cab No	LONGH EMD E M 050605019 Yes Spar Load Reguer Yes No Yes	BOC11071 H' number S/N PreHeater No No Leaks? Yes Fan Fuses	High OK S/N OK No Yes Yes Out Longhood	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters In ners: YES r Type	Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va Spir Radiators Fire Extinguishe
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No Guator Style PANCAKE Defect Tag Yes No No Radiator Type Soldered Mech. Bond Cab Yes No No 200 Lb. Air Gauge Yes No Condition OK	Riggine High HOOD INSPI Handrail Block No (from anufacturer Internal / Both Arrestors tor Style No Cab No Condition	LONGH EMD E M 050605019 Yes Spar Load Reguar Yes No Yes HIGH	80C11071 H' number S/N PreHeater No No Leaks? Yes Fan Fuses Base Style	High OK S/N OK No Yes Yes Out Longhood	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters In ners: YES r Type type	Brake Cyl. Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va Spir Radiators Fire Extinguishe AC Cabinet
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No Spark Arrestors Yes / No Exhaust Leaks Yes No Guator Style PANCAKE Defect Tag Yes No No Radiator Type Soldered Mech. Bond Cab Yes No No 200 Lb. Air Gauge Yes No Condition OK Tondition OK	Riggine High HOOD INSPE Handrail Block No (from anufacturer Internal / Both No Internal /	LONGH EMD E M 050605019 Yes Spar Load Reguar Yes No Yes HIGH	BOC11071 H' number S/N PreHeater No No Leaks? Yes Fan Fuses Base Style Paper	High OK S/N OK No Yes Yes Out Longhood WBO Baggie	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters In ners: YES r Type type /System	Brake Cyl. Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va Spir Radiators Fire Extinguishe AC Cabinet Air Compressor
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No guator Style PANCAKE Defect Tag Yes No No Radiator Type Soldered Mech. Bond Cab Yes No No 200 Lb. Air Gauge Yes No Condition OK Condition OK Condition OK Condition OK Condition OK Condition OK	Riggine High HOOD INSPE Handrail Block No (from anufacturer Internal / Both No rk Arrestors tor Style No Cab No Condition Condition	LONGH EMD E M 050605019 Yes Spar Load Reguar Yes No Yes HIGH Other	BOC11071 H' number S/N PreHeater No No Leaks? Yes Fan Fuses Base Style Paper S/N	High OK S/N OK No Yes Yes Out Longhood WBO Baggie 26L AR10	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters In ners: YES r Type type //System //Alt. Type	Brake Cyl. Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va Spir Radiators Fire Extinguishe AC Cabinet Air Compressor Air filter media
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No Guator Style PANCAKE Defect Tag Yes No No Radiator Type Soldered Mech. Bond Cab Yes No No 200 Lb. Air Gauge Yes No Condition OK	Riggine High HOOD INSPI Handrail Block No (from anufacturer Internal / Boundard Restors for Style No Cab No Condition Condition Condition	LONGH EMD E M 050605019 Yes Spai Load Reguar Yes No Yes HIGH Other	BOC11071 H' number S/N PreHeater No No Leaks? Yes Fan Fuses Base Style Paper S/N S/N	High OK S/N OK No Yes Yes Out Longhood WBO Baggie 26L AR10 14KW	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters In ners: YES r Type type //System //Alt. Type	Brake Cyl. Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va Spir Radiators Fire Extinguishe AC Cabinet Air Compressor Air filter media (Air Brake Type/) EMD Main Gen/
Rigging Pin Type 1 SINGLE 2 SING 2 High Low NGHOOD INSPECTION Handrail Condition OK MD Block No (from A frame) E1680B31 Bars Over Yes / Manufacturer Japstar Anleister BCI Other Internal / Bottom End Condition OK No Oil Cooler Yes No Starter Yes / Spark Arrestors Yes / No Exhaust Leaks Yes No Squator Style PANCAKE Defect Tag Yes No No Radiator Type Soldered Mech. Bond Cab Yes No No 200 Lb. Air Gauge Yes No Condition OK	Riggine High HOOD INSPI Handrail Block No (from anufacturer Internal / Bound in No Internal	LONGH EMD E M 050605019 Yes Spar Load Reguar Yes No Yes HIGH Other	BOC11071 H' number S/N PreHeater No No Leaks? Yes Fan Fuses Base Style Paper S/N S/N Serial #	High OK S/N OK No Yes Yes Out Longhood WBO Baggie 26L AR10 14KW	Condition 16-645E3B Block # Condition 9525597 Yes alve & Gage n On Filters In ners: YES r Type type /System /Alt. Type erator Type	Walkway Engine Type GE Engines: Engine Overall Turbo P/N Fuel Pump Fuel Bypass Va Spir Radiators Fire Extinguishe AC Cabinet Air Compressor Air filter media of Air Brake Type/SEMD Main Gen/EMD Aux. Gene



FANS

D.B. Fan	Qty.	2	Size	48"	Blades	10	Туре	Cast	Fab	
#1 Cool Fan	Size	48"	Blades	9	- Туре	Cast	Fab		GE, ALCO	,
#2 Cool Fan	Size	48"	Blades	9	- Туре	Cast	Fab	į ,	Fan Drive Ty	ре
#3 Cool Fan	Size		Blades		Туре	Cast	Fab	Eddy Cu	ırrent Diı	ect Drive
#4 Cool Fan	Size		Blades		Туре	Cast	Fab	Condition		
Equipment Rack		Yes	No	Туре		Inertial Filt	ers & Blowe	r Motor	Yes	No
Carbody Conditi	on	ОК								
Paint Color/Cond	dition	Carbody	GREEN, DII	RTY	Eng Room	GRAY, DIR	TY	_ Cab	GRAY, WO	RN
: 						. — —				
				CAB/SHO	RT NOSE IN	SPECTION				
Cab Condtion	Floor	OK	Wall	OK	Glass Mee	•				
Cab Lights	Yes / No	Modules	Yes / No	# missing	0		ir Brake cl	nange date	11/29/05	_
H.V. Cabinet		Condition	OK	Wire Type	Exane	Hyplon	Gear		Magnetic	Pnuematio
Evidence of rewi		Yes	No	Comments						
Speedo Type N			Heaters		Electric	Strip	Seats	2	Arm Rests	Yes / No
Cab Cards				-	ent Recorde			Туре		
Toilet Type N			Cooler Type		Wipers	ОК	Visors	3	-	
Batteries	ln	Out	Condition		_		-	25 PLATE	-	
Ī	tand Type	AAR		Cash Regist	er/Pedestal		Condition	ОК		
Radio Equipmen	t	Yes	No		EOT?	Х	Alerter?	X		
j					Cab Signal? L DEFECTS/			ter Control?	x	
RIGHT HAND FU	EL GAUGE	LENSE MIS	SSING							
RETENTION TAN	IK FULL									
LEFT HAND FUE	L GUAGE I	MISSING								
#1 TRUCK BRAK	E CYLINDI	ER CUTOUT	HANDLE L	OOSE						
RIGHT HAND & L	EFT HAND	SEAT SLID	ER STOPS	MISSING						
AR10 ROOM PIT										
D14 PIT OILY										
ENGINE ROOM F	LOORS &	SUMP OILY	, HARDWAR	E, DEBRIS						
AIR COMPRESS	OR ROOM	FLOOR OIL	Y							
ENGINE V OILY										
INERTIAL HATCH	H MISSING	18 BOLTS								
TRACTION MOTO	OR CUTOU	T SWITCH S	SEAL MISSI	NG						
SELF LOAD TES	T LIGHT IN	OPERATIVE	<u> </u>							
THROTTLE #8 R	PM TO HIG	H @ 910								
THROTTLE #8 R	ACK LIGHT	AT .84 (.82	GOVERNOI	 २)						
<u> </u>										
										



LOAD TEST:	
3,021 HORSEPOWER	
1,130 VOLTS] [
1,873 AMPS	
20 PSI - AIRBOX	
.5" CC VACCUM	
** PSI - OIL PRESSURE AT PUMP	
60 PSI - OIL PRESSURE A GAUGE	
910 RPM / .84 RACK	
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(attach additional pages if needed)	