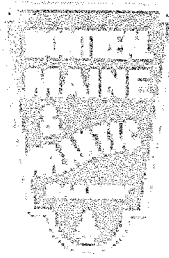


UNScheduled



Locomotive Release from Shop Form
To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 8583 on this
date 3/5/13 and take no exception to applicable laws, rules and or MMA
standards, policies and standards.

HP-3740

Gov. oil pressure
notch 8



Service Operations

UNIT _____

DATE _____

THROTTLE 8 INBOUND LOAD TESTS

Eng RPM (900)	EMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	_____	Water Temp	_____
Horsepower		_____	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SETTING	_____
Volts (7)	C-30	_____		
Volts (720)	B-39	_____		

THROTTLE #1 STALL TEST

OP Mode	(PWR)	_____	NOT APPLICABLE TO B-23 AND C-30
AMPS	(300)	_____	
MGA	(1220)	_____	
Charging Rate	(70v)	_____	



B-23, B-39, C-30, GP-7 UNSCHEDULED

In-Bound Or Running Electrical

ITEM	ELECTRICAL
	ONLY INBOUND LOAD BOX A SWITCHER IF IT'S NECESSARY REPORTED WITH LOADING ISSUES. OTHERWISE THE LOAD SWITCHER WILL BE DONE ON THE OUTBOUND
	REVIEW COMPUTER ARCHIVE DATA AND NOTE ON DEFECT SHEE APPLICABLE
	NOTE SIGNIFICANT FAULTS ON DEFECT SHEETS.
	DOWNLOAD & TEST EVENT RECORDER SYSTEM,
	TEST RADIO ANTENNA WITH MFJ-269 ANALYZER
	CLOSELY INSPECT THE HEAD END DEVICE CONNECTOR. ENSURE TIGHTLY CONNECTED AND NOT CROSS THREADED
	PERFORM ALL LOCOMOTIVE SELF TEST FUNCTIONS
	B. CHECK FOR AC GROUNDS IN COOLING FAN CIRCUIT WITH TEST watt bulb) ONLY APPLIES TO GP-7.
	CHECK OPERATION OF GROUND RELAY
	(TEST THREE TIMES TO VERY LOCK-OUT)(DYNAMIC & POWER)
	CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)
	WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS. DC APPLY TO C-30, B-23 AND B-39.
	CHECK OPERATION OF:
	A. HEATING
	B. WINDSHIELD HEATERS/DEFOGGER (SEPTEMBER - FEBRUARY)
	CHECK OPERATION OF ALERTNESS DEVICES
	CHECK OPERATION OF ALL EMERGENCY FUEL SHUTOFF DEVICES
	A. EMERGENCY FUEL CUTOFFS
	B. MU ENGINE STOP



B-23, B-39, C-30, GP-7 UNSCHEDULED

UNIT:

ITEM	<i>In-Bound Or Running Mechanical</i> MECHANICAL	WORKED BY:
	INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):	
	PROPER LUBRICATION? FUEL LEAKS? CAM ROLLER ROTATION? ETC.	
	INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS	
	INSPECT COOLING SYSTEM:	
	A: CHECK HOSES AND PIPES FOR LEAKS	
	VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS	
	TEST AIR BRAKE EQUIPMENT PER RULE 212	
	PERFORM PENALTY BRAKE TEST	
	CHECK FLUID LEVELS BEFORE LOADING:	
	A: ENGINE OIL	
	B: COOLING WATER	
	C: AIR COMPRESSOR OIL	
	TEST OPERATION OF THE FOLLOWING DEVICES:	
	A. BELL	
	B. SANDERS (FORWARD, REVERSE, EMERGENCY)	
	C. RADIATOR SHUTTERS	
	INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI	
	INSPECT SAFETY POP. 155 PSI	

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

DEFECT <u>low oil pressure</u>	INSPECTED BY:
REPAIR _____	CORRECTED BY:

DEFECT <u>#1 Traction motor Broken</u> <u>Bolt 2 Bolts</u>	INSPECTED BY: <u>JS</u>
REPAIR <u>replaced</u>	CORRECTED BY: <u>[Signature]</u>

DEFECT <u>#4 Traction motor</u> <u>2 Broken Bolts</u>	INSPECTED BY: <u>JS</u>
REPAIR <u>replaced</u>	CORRECTED BY: <u>[Signature]</u>

DEFECT <u>REAR SAND BOXES empty</u>	INSPECTED BY: <u>JS</u>
REPAIR <u>Filled</u>	CORRECTED BY: <u>JS</u>

DEFECT <u>UNIT low oil level</u>	INSPECTED BY: <u>[Signature]</u>
REPAIR <u>filled</u>	CORRECTED BY: <u>[Signature]</u>

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

DEFECT <u>Oil low on oil</u>	INSPECTED BY: <u>TS</u>
REPAIR <u>filled</u>	CORRECTED BY: <u>TS</u>

DEFECT <u>Missing bolt on str. plate right front</u>	INSPECTED BY: <u>K. King</u>
REPAIR <u>replaced</u>	CORRECTED BY: <u>K. King</u>

DEFECT _____	INSPECTED BY: _____
REPAIR _____	CORRECTED BY: _____

DEFECT _____	INSPECTED BY: _____
REPAIR _____	CORRECTED BY: _____

DEFECT _____	INSPECTED BY: _____
REPAIR _____	CORRECTED BY: _____

UNIT#	DESCRIPTION	PART #	QUANTITY	INSTALLED	AWP
DATE					

Description of Work Performed

Locomotive ID _____

Time Started _____

Time Finished _____

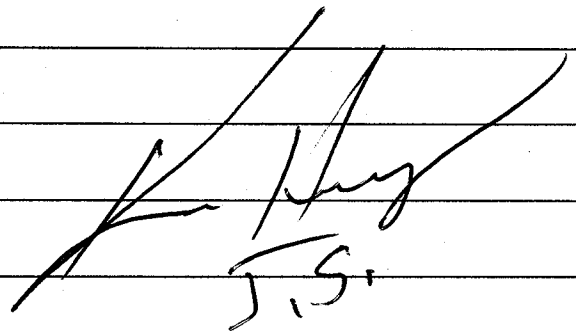
3/5/13

Unit came in dead & DRAINED

REPAIRED -

- ADDED HOT WATER
- Gov had NO oil in sight GLASS
- Dig frame was full of RUST (water)
- #1 TM missing 3 GEAR CASE BOLTS
- #4 TM missing 2 GEAR CASE BOLTS
- Check bonded drive - OK
- Set LOADS - 3740
- Check oil ~~power~~ - 110 AT Gov
while in 8 rev.
- 70 LB AT Idle

Note: Could not find
any leaks AT Gov (oil)


J.S.

Description of Work Performed

Locomotive ID

Time Started

Time Finished

Employee Signature _____ **Form to fill out completely and Signature must be legible.**



English

B-23, B-39, C-30, GP-7 UNSCHEDULED**UNIT:***Out-Bound Loadtest Electrical/Mechanical*

WORKED

ITEM

MECHANICAL

BY:

INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):

PROPER LUBRICATION? FUEL LEAKS? CAM ROLLER ROTATION? ETC.

INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS

INSPECT COOLING SYSTEM:

A: CHECK HOSES AND PIPES FOR LEAKS

VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS

TEST AIR BRAKE EQUIPMENT PER RULE 212

PERFORM PENALTY BRAKE TEST

CHECK FLUID LEVELS BEFORE LOADING:

A: ENGINE OIL

B: COOLING WATER

C: AIR COMPRESSOR OIL

INSPECT SAND TRAP, NOZZLES, HOSES AND BRACKETS

TEST OPERATION OF THE FOLLOWING DEVICES:

A. BELL

B. SANDERS (FORWARD, REVERSE, EMERGENCY)

C. RADIATOR SHUTTERS

ELECTRICAL

CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)

IF A TRACTION MOTOR WAS REPAIRED, ROLL TEST THE LOCOMOTIVE TO ENSURE THE TM LEADS ARE PROPERLY HOOKED UP

WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS. DOES NOT APPLY TO C-30, B-23 AND B-39.

CHECK OPERATION OF:

A. HEATING

COMPLETE THE LOAD TEST SHEETS

INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI

INSPECT SAFETY POP. 155 PSI

Service Operations

UNIT _____

DATE _____

THROTTLE 8 OUTBOUND LOAD TESTS

Eng RPM (900)	EMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	_____	Water Temp	_____
Horsepower		_____	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SETTING	_____
Volts (7)	C-30	_____		
Volts (720)	B-39	_____		

THROTTLE #1 STALL TEST

OP Mode	(PWR)	_____	
AMPS	(300)	_____	
MGA	(1220)	_____	NOT APPLICABLE TO B-23 AND C-30
Charging Rate	(70v)	_____	