

UNScheduled



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

I have reviewed the work packet for locomotive 5018 on this date 12-11-12 and take no exception to applicable laws, rules and or MMA standards, policies and standards.

oil change - *[Signature]* Mike M.



Service Operations

UNIT _____

DATE _____

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



REVISION DATE: 8/18/2010
 ISSUED BY: Tim. Scalia

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

UNIT:

ITEM	<i>In-Bound Or Running Electrical</i> ELECTRICAL	WORKED BY:
	ONLY INBOUND LOAD BOX A SWITCHER IF IT'S NECESSARY AND REPORTED WITH LOADING ISSUES. OTHERWISE THE LOAD BOX ON A SWITCHER WILL BE DONE ON THE OUTBOUND	
	REVIEW COMPUTER ARCHIVE DATA AND NOTE ON DEFECT SHEETS IF 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 IT IS TIGHTLY CONNECTED AND NOT CROSS THREADED	
	PERFORM ALL LOCOMOTIVE SELF TEST FUNCTIONS	
	B. CHECK FOR AC GROUNDS IN COOLING FAN CIRCUIT WITH TEST LIGHT (30 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. DOES NOT 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: 5018

Date: 12-11-12

DEFECTS FOUND DURING INSPECTION

DEFECT <u>Deck Blowing oil over top</u>	INSPECTED BY: <u>Kelly / Todd G.</u>
REPAIR <u>found 13 Top deck cover Gasket bad / replaced</u>	CORRECTED BY: <u>Kelly / M.M.</u>

DEFECT <u>L-SIDE RACK OUT OF ADJUSTMENT 23</u>	INSPECTED BY: <u>Mike N. / Kelly</u>
REPAIR <u>ADJUSTED TO 19.5</u>	CORRECTED BY: <u>Kelly / Mike N.</u>

DEFECT <u>PI</u>	INSPECTED BY:
REPAIR	CORRECTED BY:

DEFECT	INSPECTED BY:
REPAIR	CORRECTED BY:

DEFECT	INSPECTED BY:
REPAIR	CORRECTED BY:

Did a Comp test on All Cyls - All came good
Kelly
Mike N.

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

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

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

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

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

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

UNIT#	DATE	DESCRIPTION	PART #	QUANTITY	INSTALLED	AWP

Description of Work Performed

Locomotive ID _____

Time Started _____

Time Finished _____

Locomotive ID	Time Started	Time Finished



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)	_____	

L	R
1-340	330
2-360	380
3-340	330
4-320	330
5-360	350
6-330	360
7-320	340
8-340	320

Comp test
#5018
12-11-12

- Did oil change -
- Wash engine -
- Adjusted fuel RACK
- Did Comp test

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

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

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

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

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

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