

W-N

# 8546



1-12-12

1-11-12

Locomotive Release from Shop Form

To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 8546 on this date 1-11-12 and take no exception to applicable laws, rules and or MMA standards, policies and standards.



UNIT 8546  
 DATE 1-11-12

## Service Operations

### 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 (7.20)	B-39	_____		

*-NA- Unit overheating inbound-*

### THROTTLE #1 STALL TEST

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

### TL 24T

Throttle 1	(1V)	_____
Throttle 2		_____
Throttle 3		_____
Throttle 4		_____
Throttle 5		_____
Throttle 6		_____
Throttle 7		_____
Throttle 8	(72V)	_____



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

UNIT:

ITEM	MECHANICAL	WORKED BY
	<i>Running Mechanical</i>	
	INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):	Hussy / Stupakewicz
	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	- NA -
	B: COOLING WATER	K. Hussy
	C: AIR COMPRESSOR OIL	K. Hussy D. Stupakewicz
	TEST OPERATION OF THE FOLLOWING DEVICES:	
	A. BELL	D. Stupakewicz
	B. SANDERS (FORWARD, REVERSE, EMERGENCY)	K. Hussy / D. Stupakewicz
	C. RADIATOR SHUTTERS	- NA -
	INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI	D. Stupakewicz
	INSPECT SAFETY POP. 155 PSI	



UNIT 8546

# Service Operations

DATE 1-12-12

## THROTTLE 8 OUTBOUND LOAD TESTS

*K. Housse*

Eng RPM (900)	FMD	_____	Lube Oil Pres	<u>28 lbs @ idle 140 lbs @ 4<sup>th</sup> notch</u>
Eng RPM (1050)	GE	_____	Water Temp	<u>179 °F</u>
Horsepower		<u>3777</u>	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SETTING	_____
Volts (7)	C-30	_____		
Volts (720)	B-39	<u>711</u>		

## THROTTLE #1 STALL TEST

OP Mode	(PWR)	_____	
AMPS	(300)	_____	
MGA	(1220)	_____	NOT APPLICABLE TO B-23 AND C-30
Charging Rate	(70v)	<u>74.6</u>	

## TL 24T

Throttle 1	(1V)	_____
Throttle 2		_____
Throttle 3		_____
Throttle 4		_____
Throttle 5		_____
Throttle 6		_____
Throttle 7		_____
Throttle 8	(72V)	_____

*L.C.G.P.'s Check Base For Pressure on out Board*

Unit: 8546

Date: 11-11-12

### DEFECTS FOUND DURING INSPECTION

DEFECT Engine @ 230°F @ idle - water flow valve stuck shut	INSPECTED BY: K. Hussy
REPAIR Removed + disassembled water flow valve motor - cleaned - lubed - reassembled - reinstalled - tested OK - inhouse OK - at out board	CORRECTED BY: K. Hussy

DEFECT 2 worn brake shoes 4 adjust brake g.dj. pin keepers - missing tabs 2 brake shoe pins dropping thru	INSPECTED BY: K. Hussy
REPAIR 2 shoes c/o 4 tabs welded on 2 brake shoe pins added cross piece	CORRECTED BY: K. Hussy

DEFECT No sanders - air and sand shut off	INSPECTED BY: K. Hussy
REPAIR Opened sand traps - opened air lines - cleaned sand parts	CORRECTED BY: K. Hussy

DEFECT Front Headlight breaker keeps shutting off - weak breaker	INSPECTED BY: K. Hussy
REPAIR c/o Front Headlight circuit breaker	CORRECTED BY: K. Hussy

DEFECT Chisle in tool kit w/ broken tip	INSPECTED BY: K. Hussy
REPAIR c/o chisle in tool kit	CORRECTED BY: K. Hussy

Unit: 8546

Date: 1-12-12

**DEFECTS FOUND DURING INSPECTION**

DEFECT <u>Unit booked for low oil pressure - possibly due to overheating</u>	INSPECTED BY: <u>K. Aussey / D. Sturp</u>
REPAIR <u>Checked oil pressure on out board - 28 LBS in Idle 140 LBS in 4<sup>th</sup> notch - w Engine @ 1750<sup>rpm</sup></u>	CORRECTED BY: <u>K. Aussey / D. Sturp</u>

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

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

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

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

# Description of Work Performed

Locomotive ID \_\_\_\_\_

Time Started \_\_\_\_\_

Time Finished \_\_\_\_\_





UNIT#	DATE	DESCRIPTION	PART #	QUANTITY	INSTALLED	AWP