

Montreal, Maine, & Atlantic Railway
Locomotive

Unit P578

Date 3-26-11

3 Month Federal Air Work

Signature

1. Inspect and repair air piping and valves for leaks D. Black
2. Test all air gauges with gauge tester and set if required..... D. Black
3. With full brake pipe pressure, make a 20lb. reduction, move the cutoff valve to "OUT" position and move the lead - dead valve to "DEAD" position. Brakes must remain applied for 5 minutes..... D. Black
4. Cover each trainline hose coupling with hand and test for leakage through valve, then apply blank dummy couplings to the trainline hoses on each end of the unit and open trainline valves. Make a 20lb. reduction with the Automatic, move the cutoff valve to "OUT" position and check for brake pipe leakage. Leakage shall not exceed 5 lb. per minute..... D. Black
5. Reduce main reservoir pressure to 85 lbs. by draining #2 main reservoir. (*) Check cab gauge for leakage from main reservoirs and piping for 3 minutes. Leakage must not exceed an average of 3 lb. per minute during the test..... D. Black
6. Drain #1 main reservoir (*) completely and test check valve between reservoirs. Pressure should remain on the main reservoir gauge in the cab as #1 main reservoir is drained..... D. Black
7. Check all MU valve handles to ensure the locking devices work properly. Lubricate or replace as necessary..... D. Black
8. Check knuckle thrower to make sure it opens the knuckle. Lubricate or repair as necessary..... D. Black

Note (*) #1 reservoir is without the check valve. # 2 is with the check valve.

Description of Work Performed

Locomotive ID 8578 Time Started Time Finished

WICK SHEET MISSING

1	OK refilled				
2	OK refilled				D. Black
3	OK new gaskets	New gaskets	OK		JWB
4	OK " "	" "	OK		JWB

Refilled 3, 4, with oil JWB
 1st gear case filler cap mixing replaced D.B
 #3 " " " " " " replaced D.B
 2nd wick box cracked / Repaired JWB

changed mechanic oil filters D. Black

Employee Signature Form to fill out completely and signature must be legible

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

DEFECT	Right front fuel TANK Bolt loose	INSPECTED BY	J. Black
REPAIR	Tightened 2 of them	CORRECTED BY	J. Anderson

DEFECT	REAR snubber on TRUCK Bolster loose	INSPECTED BY	J. Black
REPAIR	Re tighten & Bolt.	CORRECTED BY	J. Black

DEFECT	Rear Pullapart part, walk way broken off flush to DECK.	INSPECTED BY	J. Black
REPAIR	Re-weld in place TIG.	CORRECTED BY	J. Black

DEFECT	Rear front sand needles missing	INSPECTED BY	D. Black
REPAIR	replaced	CORRECTED BY	D. Black

DEFECT	LEFT SIDE of Engine / Air Box GREE O-Ring burned out.	INSPECTED BY	J. Black
REPAIR	Replaced All O-rings and gaskets on left Side INTAKE	CORRECTED BY	J. Black



Quantum Desktop Playback
Data Scan Report

Report Date: 03-21-2011
Locomotive 8578

Data Removed on 03-21-11

SPEED (MPH)	OK
TRACTION MOTOR CURRENT	OK
BRAKE PIPE PRESSURE	OK
INDEPENDENT BRAKE	OK
END-OF-TRAIN PSI	Never above 20.
EP BRAKE REQUESTED	Never ON/ACTIVE
THROTTLE	Dynamic Brake never reported. Stop never reported. Low Idle never reported.
REVERSE	OK
EIE	OK
PCS	OK
HORN	OK
EOT MOVING	Never ON/ACTIVE
EOT MSG. JUST RX	Never ON/ACTIVE
EOT LIGHT	Never ON/ACTIVE
EP OPERATING MODE	Never ON/ACTIVE
EP PENALTY BRAKE	Never ON/ACTIVE
EP ENGINEER EMERGENCY	Never ON/ACTIVE



Quantum Desktop Playback

Manufacturer is QEI Version # S45E
Serial Number is 0204050052
Customer is MNAR

Data was removed on - 09:42:24 on 03/21/11
Last Downloaded on - 12:42:00 on 11/15/10
Battery was installed on - 04/14/04
Locomotive Number is - 8578

Downloaded by - jh
Location - derby
Train - 232
Wheel Size Entry - 39
Wheel Size used by program:
Circumference = 122.5 Diameter = 39.0
No memo present.

Wheel size used for printout is 122.52

QDP Version V