



ANA LABORATORIES, INC.

Serving Customers Since 1973

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MONTREAL MAINE & ATLANTIC RWY

Attn: DAVE MONAHAN
18 B & A AVE
DERBY, ME 04463

YOUR COMPUTER NAME JGMMADME

YOUR COMPUTER UNIT I.D. 8541

UNIT MAKE MODEL
IN SUMP CAPACITY
TYPE OF OPERATION
OIL TYPE

RAIL
S
Y
S
I
N
F
O

Used TEST TYPE B1

* ADDITIVES

* ELEMENTAL ANALYSIS VALUES IN PPM BY WEIGHT

* OIL QUALITY

LAB#	SAMPLE DATE	PROCESS DATE	HOURS/MILES	OIL ADDED	OIL DRAINED	FF	BY	K	V	MO	MG	CA	BA	P	ZN
R09C009477	02/22/2009	03/13/2009	500.000	100.000	20	No	Yes	No	0	97	23	6087	0	12	7
R09F006033	05/29/2009	06/09/2009	0	0	20	No	Yes	No	0	73	6	6803	0	0	2
R10G010492	06/28/2010	07/19/2010	0	0	20	No	Yes	No	0	64	18	5008	0	12	6
R10H012648	08/15/2010	08/23/2010	0	0	0	No	No	No	0	64	15	3936	0	59	6
R11D017360	04/20/2011	04/25/2011	0	0	0	No	No	No	0	107	20	5473	0	0	96

Severity Code	Antimony	Titanium	Silver	Copper	Lead	Tin	Aluminum	Nickel	Iron	Chromium	Cadmium	Sodium	Boron	Silicon	Water % by vol *	%Solids *	Glycol *	Fuel	SAE/ISO Grade	TBN (mg/g) *	Vis @ 40C *	Vis @ 100C *
1	0	0	0	2	6	0	2	1	9	0	0	5	3	4	<.05	0.90	N	0.00	12.80	NA	16.93	
NO CORRECTIVE ACTION NEEDED!																						
1	0	0	2	4	4	0	0	0	6	0	0	8	1	7	<.05	0.70	N	0.00	9.30	NA	17.32	
NO CORRECTIVE ACTION NEEDED!																						
N	0	0	0	3	11	0	1	1	12	1	0	9	3	3	<.05	1.10	N	0.00	4.90	NA	17.06	
NO CORRECTIVE ACTION NEEDED!																						
N	0	0	2	5	5	0	2	1	9	1	0	7	2	3	<.05	0.60	N	0.00	4.30	NA	16.85	
NO CORRECTIVE ACTION NEEDED!																						
C	0	0	2	4	4	0	0	0	7	1	0	6	3	4	<.05	0.80	N	0.00	6.96	NA	16.43	

Zinc above 10PPM. CALL CODE: RESAMPLE ASAP TO VERIFY RESULTS

Since services are based on samples and information supplied by others, and since corrective action, if any, is necessarily taken by others, these services are rendered without any warranty or liability. * These tests are accredited and meet the requirements of ISO 17025 verified by the ANSI-ASQ National Accreditation Board/ACLASS. Accreditation# AT-1471.

Analyst: MWVP

MONTREAL, MAINE & ATLANTIC RAILWAY
Universal Locomotive Inspection and Maintenance Report Form 1277

1. Location <i>Dorcy, Me</i>	2. Date and Time <i>1-14-11 - 1600</i>	Last Federal Date <i>1-14-11</i>	4. Unit Initial and Number <i>5026</i>
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Inspection Items	OK	DEF	N/A
05. Engine Lube Oil Level	✓		
06. Governor Oil Level	✓		
07. Air Compressor Oil Level	✓		
08. Cooling System Level & Color	✓		
Work Completed By:			
09. Water, Oil Exhaust, or Fuel Leaks	✓		
10. Steps, Walkways, Doors & Hinges	✓		
11. Handbrake	✓		
12. Fire Extinguisher Less Than 1 Year Old	✓		
13. Guards, Protective Covers & Stencils	✓		
14. Horn, Bell and Wiper Operation	✓		
15. Speed Indicator & Seal	✓		
Work Completed By: <i>PM</i>			
16. Clean & Service Toilet & Restroom	✓		
Work Completed By:			
17. Clean Cab & Remove Trash & Graffiti	✓		
Work Completed By:			
18. Sandbox Level Within 10" of Full	✓		
Work Completed By: <i>PM</i>			

Inspection Items	OK	DEF	N/A
19. Trucks, Underframe & Side Bearings	✓		
20. Wheels, Traction Motors & Air Ducts	✓		
21. Sanders, Alignment, Nozzles, Hoses & Operation	✓		
22. Main Reservoir & All Air Blowdown Drains	✓		
23. Inspect MU Cut - Out Cocks, MU Cradle Holders	✓		
24. Retention Tank Less Than Half Full	✓		
25. Inspect Flange Lubricators	✓		
Work Completed By: <i>JB</i>			
26. Brake Shoes & Rigging	✓		
Work Completed By: <i>JB</i>			
27. Fuel Cap, Gauge & Vent Line	✓		
28. Fuel Quantity (Gallons)	✓		
Work Completed By: <i>JB JB</i>			
29. Check Operation of Heater/Air Conditioner	✓		
30. All Exterior & Interior Lights	✓		
Work Completed By:			
31. Check Reverser Handle Interlock	✓		
32. Indicators, Annunciators & DID Panel	✓		X
33. Radio Transmits & Receives Clearly	✓		
34. Record FOT Calibration Date: <i>12-3-10</i>	✓		
Work Completed By: <i>PM</i>			

Defects Found During Inspections

Item #	Description of Defect	Description of Repair	Repaired By
<i># 5</i>	<i>oil check cold down 1"</i>	<i>OK</i>	<i>PM</i>

I certify that all required inspection items have been completed and all noted defects have been repaired or deemed serviceable by my authority.

Signature: *[Handwritten Signature]*

MONTREAL, MAINE & ATLANTIC RAILWAY

Unit # 5026
Date: 1-14-11

Lube Maintenance

For items 34 – 37, mark with a “Check Mark” if everything is okay and with an “X” if defects are found. If AC Traction Motors, record the number of quarts added in the blocks for Task # 35 below. Record all defects and repairs on the defect portion on the front page of this form.

Inspect & Lubricate All Traction Motors		TM1	TM2	TM3	TM4	TM5	TM6
35. Condition of Gear Case Gears							
36. Lube Gear Cases, Supports & Journals							
37. Top and Bottom Fill Caps							
38. Motor Support, Gear Case & Wick Bolts							

39. Engine and Air Compressor Oil Samples
40. Engine Cooling Water Sample

Samples Taken By: _____

Lube Completed By: _____

I certify that all required inspection items have been completed and all noted defects have been repaired or deemed serviceable by my authority.

Supervisor: Davey [Signature]