

## VEHICLE HISTORY RECORD

REPORT  
NUMBER

FLEET UNIT NUMBER

65025980 221

DATE 11/01/24

MOTOR CARRIER OPERATOR

Ramsey Hill Exploration

ADDRESS

3015 Enterprise Ave

CITY, STATE, ZIP CODE

Gillette WY 82716

VEHICLE TYPE ☒ TRACTOR ☐ TRAILER ☐ TRUCK ☐ BUS  
☐ (OTHER)

INSPECTOR'S NAME (PRINT OR TYPE)

DAW Moody

THIS INSPECTOR MEETS THE QUALIFICATION REQUIREMENTS IN SECTION 396.19.

☒ YESVEHICLE IDENTIFICATION (☒ AND COMPLETE) ☐ LIC. PLATE NO. ☒ VIN ☐ OTHER

3AKNGEDIXJSJZ2 883

INSPECTION AGENCY/LOCATION (OPTIONAL)

## VEHICLE COMPONENTS INSPECTED

| OK                                  | NEEDS<br>REPAIR | REPAIRED<br>DATE | ITEM                                                                                                         | OK                                  | NEEDS<br>REPAIR | REPAIRED<br>DATE | ITEM                                                        | OK                                  | NEEDS<br>REPAIR | REPAIRED<br>DATE | ITEM                                                                          |
|-------------------------------------|-----------------|------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------|------------------|-------------------------------------------------------------|-------------------------------------|-----------------|------------------|-------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> |                 |                  | <b>1. BRAKE SYSTEM</b>                                                                                       | <input checked="" type="checkbox"/> |                 |                  | <b>6. SAFE LOADING</b>                                      | <input checked="" type="checkbox"/> |                 |                  | <b>12. WINDSHIELD GLAZING</b>                                                 |
| <input checked="" type="checkbox"/> |                 |                  | a. Service Brakes                                                                                            | <input checked="" type="checkbox"/> |                 |                  | a. Vehicle parts, load, dunnage, spare tire, etc., secured. | <input checked="" type="checkbox"/> |                 |                  | No cracks, discoloration, obstacles, etc. (see 393.60 for exceptions).        |
| <input checked="" type="checkbox"/> |                 |                  | b. Parking Brake System                                                                                      | <input checked="" type="checkbox"/> |                 |                  | b. Front End Structure                                      | <input checked="" type="checkbox"/> |                 |                  | <b>13. WINDSHIELD WIPERS</b>                                                  |
| <input checked="" type="checkbox"/> |                 |                  | c. Brake Drums or Rotors                                                                                     | <input checked="" type="checkbox"/> |                 |                  | c. Intermodal Container Securement Devices                  | <input checked="" type="checkbox"/> |                 |                  | No missing, damaged, or inoperable wipers.                                    |
| <input checked="" type="checkbox"/> |                 |                  | d. Brake Hose                                                                                                | <input checked="" type="checkbox"/> |                 |                  | <b>7. STEERING MECHANISM</b>                                | <input checked="" type="checkbox"/> |                 |                  | <b>14. MOTORCOACH SEATS</b>                                                   |
| <input checked="" type="checkbox"/> |                 |                  | e. Brake Tubing                                                                                              | <input checked="" type="checkbox"/> |                 |                  | a. Steering Wheel Free Play                                 | <input checked="" type="checkbox"/> |                 |                  | Seats securely fastened to the vehicle structure.                             |
| <input checked="" type="checkbox"/> |                 |                  | f. Low Pressure Warning Device                                                                               | <input checked="" type="checkbox"/> |                 |                  | b. Steering Column                                          | <input checked="" type="checkbox"/> |                 |                  | <b>15. REAR IMPACT GUARD</b>                                                  |
| <input checked="" type="checkbox"/> |                 |                  | g. Tractor Protection Valve                                                                                  | <input checked="" type="checkbox"/> |                 |                  | c. Front Axle Beam/All Other Steering Components            | <input checked="" type="checkbox"/> |                 |                  | In place, securely attached, proper size, proper placement (see 393.86).      |
| <input checked="" type="checkbox"/> |                 |                  | h. Air Compressor                                                                                            | <input checked="" type="checkbox"/> |                 |                  | d. Steering Gear Box                                        | <input checked="" type="checkbox"/> |                 |                  | <b>16. OTHER</b>                                                              |
| <input checked="" type="checkbox"/> |                 |                  | i. Electric Brakes                                                                                           | <input checked="" type="checkbox"/> |                 |                  | e. Pitman Arm                                               |                                     |                 |                  | List any other condition(s) which may prevent safe operation of this vehicle. |
| <input checked="" type="checkbox"/> |                 |                  | j. Hydraulic Brakes                                                                                          | <input checked="" type="checkbox"/> |                 |                  | f. Power Steering                                           |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | k. Vacuum Systems                                                                                            | <input checked="" type="checkbox"/> |                 |                  | g. Ball and Socket Joints                                   |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | l. Antilock Brake System                                                                                     | <input checked="" type="checkbox"/> |                 |                  | h. Tie Rods and Drag Links                                  |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | m. Automatic Brake Adjusters                                                                                 | <input checked="" type="checkbox"/> |                 |                  | i. Nuts                                                     |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | <b>2. COUPLING DEVICES</b>                                                                                   | <input checked="" type="checkbox"/> |                 |                  | j. Steering System                                          |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | a. Fifth Wheels                                                                                              | <input checked="" type="checkbox"/> |                 |                  | <b>8. SUSPENSION</b>                                        |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | b. Pintle Hooks                                                                                              | <input checked="" type="checkbox"/> |                 |                  | a. Axle Positioning Parts                                   |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | c. Drawbar/Towbar Eye                                                                                        | <input checked="" type="checkbox"/> |                 |                  | b. Spring Assembly                                          |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | d. Drawbar/Towbar Tongue                                                                                     | <input checked="" type="checkbox"/> |                 |                  | c. Torque, Radius or Tracking Components                    |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | e. Safety Devices                                                                                            | <input checked="" type="checkbox"/> |                 |                  | <b>9. FRAME</b>                                             |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | f. Saddle-Mounts                                                                                             | <input checked="" type="checkbox"/> |                 |                  | a. Frame Members                                            |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | <b>3. EXHAUST SYSTEM</b>                                                                                     | <input checked="" type="checkbox"/> |                 |                  | b. Tire and Wheel Clearance                                 |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | a. No leaks forward of/ directly below the driver/ sleeper compartment.                                      | <input checked="" type="checkbox"/> |                 |                  | c. Adjustable Axle Assemblies (Sliding Subframes)           |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | b. Bus: No leaking/ discharging in violation of standard.                                                    | <input checked="" type="checkbox"/> |                 |                  | <b>10. TIRES</b>                                            |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | c. Unlikely to burn, char, or damage the electrical wiring, fuel supply, or any combustible part of vehicle. | <input checked="" type="checkbox"/> |                 |                  | a. Steer-Axle Tires                                         |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | <b>4. FUEL SYSTEM</b>                                                                                        | <input checked="" type="checkbox"/> |                 |                  | b. All Other Tires                                          |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | a. No visible leak.                                                                                          | <input checked="" type="checkbox"/> |                 |                  | c. Speed-Restricted Tires                                   |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | b. Fuel Tank Filler Cap                                                                                      | <input checked="" type="checkbox"/> |                 |                  | <b>11. WHEELS AND RIMS</b>                                  |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | c. Fuel tank securely attached.                                                                              | <input checked="" type="checkbox"/> |                 |                  | a. Lock or Side Ring                                        |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | <b>5. LIGHTING DEVICES</b>                                                                                   | <input checked="" type="checkbox"/> |                 |                  | b. Wheels and Rims                                          |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  | All required lights/reflectors operable.                                                                     | <input checked="" type="checkbox"/> |                 |                  | c. Fasteners                                                |                                     |                 |                  |                                                                               |
| <input checked="" type="checkbox"/> |                 |                  |                                                                                                              | <input checked="" type="checkbox"/> |                 |                  | d. Welds                                                    |                                     |                 |                  |                                                                               |

INSTRUCTIONS: MARK COLUMN ENTRIES TO VERIFY INSPECTION: ☒ OK, ☒ NEEDS REPAIR, ☒ IF ITEMS DO NOT APPLY, ☒ REPAIRED DATE

CERTIFICATION: THIS VEHICLE HAS PASSED ALL THE INSPECTION ITEMS FOR THE ANNUAL VEHICLE INSPECTION IN ACCORDANCE WITH 49 CFR PART 396.





# Oil Analysis Report

Bottle Ref: 4

0 = New or Rebuilt Machine  
1 = Healthy Machine  
2 = Minor or Suspect Problem  
3 = Definite Problem  
4 = Serious Problem

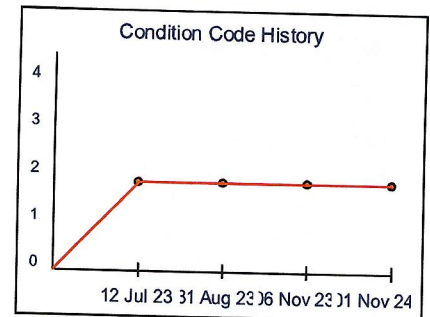
2

## Diagnostics

Date: 01 November 2024  
Site: Ramsey Hill Exploration, LLC  
Plant: Gillette Shop  
Unit: Unit No.221  
Machine: Freightliner- Engine  
Lubricant: Guardol ECT 15W40

### DIAGNOSIS:

The potassium and titanium levels are elevated.



### RECOMMENDED ACTION:

Continue with regular maintenance and monitoring.

### SAMPLE DETAILS

| Date of Sample:                   | 01 Nov 24  | 06 Nov 23  | 31 Aug 23  | 12 Jul 23  |
|-----------------------------------|------------|------------|------------|------------|
| Sample No:                        | GIL-368964 | GIL-359182 | GIL-357124 | GIL-355764 |
| Fluid/Filter Changed (Yes or No): | Y/Y        | Y/Y        | Y/Y        | Y/Y        |
| Equipment Hrs:                    | 575292     |            | 541531     |            |
| Equipment Mls:                    |            | 56806      |            | 522247     |

### WEAR METALS

|                | LIMIT | 01 Nov 24 | 06 Nov 23 | 31 Aug 23 | 12 Jul 23 |
|----------------|-------|-----------|-----------|-----------|-----------|
| Lead (Pb):     | 19    | 0         | 0         | 0         | 0         |
| Iron (Fe):     | 55    | 42        | 47        | 27        | 38        |
| Aluminum (Al): | 24    | 19        | 24        | 24        | 49        |
| Copper (Cu):   | 36    | 7         | 5         | 5         | 7         |
| Chromium (Cr): | 15    | 5         | 4         | 5         | 8         |
| Tin (Sn):      | 15    | 0         | 0         | 0         | 0         |
| Nickel (Ni):   | 4     | 1         | 1         | 1         | 1         |
| Silver (Ag):   | 6     | 0         | 0         | 0         | 0         |

### CONTAMINANTS

|                |    |    |    |    |    |
|----------------|----|----|----|----|----|
| Silicon (Si):  | 19 | 16 | 10 | 9  | 10 |
| Sodium (Na):   | 23 | 8  | 7  | 7  | 8  |
| Potassium (K): | 7  | 15 | 26 | 29 | 73 |

### ADDITIVES

|                  |      |      |      |      |
|------------------|------|------|------|------|
| Titanium (Ti):   | 101  | 95   | 88   | 15   |
| Magnesium (Mg):  | 455  | 405  | 384  | 98   |
| Zinc (Zn):       | 1282 | 1277 | 1282 | 1153 |
| Calcium (Ca):    | 1845 | 1923 | 2080 | 2118 |
| Phosphorous (P): | 1251 | 1180 | 1160 | 1245 |

### PHYSICALS

|                                           |       |      |       |       |
|-------------------------------------------|-------|------|-------|-------|
| Viscosity (cSt at 40°C): L 101.2, U 130.9 | 111.1 | 80.4 | 122.8 | 115.1 |
| Viscosity (cSt at 100°C): L 13.9, U 16.9  | 0.0   | 0.0  | 0.0   | 0.0   |
| Viscosity Index: 122                      | 0     | 0    | 0     | 0     |
| Water (ppm):                              | 500   | 224  | 283   | 288   |
| Fuel Dilution (%):                        | 1.90  | 2.20 | 2.90  | 0.60  |
| Total Base Number (mg KOH/g): 3           | 5.30  | 1.60 | 0.40  | 3.80  |

### INFRA RED

|                       |       |       |       |       |
|-----------------------|-------|-------|-------|-------|
| Oxidation (Abs/mm²):  | 22.10 | 22.30 | 22.20 | 20.60 |
| Nitration (Abs/mm²):  | 12.40 | 13.30 | 13.50 | 16.10 |
| Sulphation (Abs/mm²): | 26.20 | 27.60 | 26.70 | 22.70 |
| Glycol (% wt):        | 0.00  | 0.00  | 0.00  | 0.50  |
| Soot (% wt):          | 0.59  | 0.90  | 0.98  | 0.77  |

# VEHICLE MAINTENANCE AND REPAIR RECORD

## VEHICLE IDENTIFICATION

**MAKE** Freightliner **VIN** DAVE 221  
**MODEL YEAR** 2017 **ENGINE SIZE** 575 292  
**COMPANY NUMBER** AHex **OWNER (IF LEASED)** ~~110124~~ 110124

| DATE (MM/DD/YY) | TYPE                  | I | R | M | NOTES       |
|-----------------|-----------------------|---|---|---|-------------|
|                 | DOT INSPECTION        |   |   |   |             |
|                 | FULL PM               |   |   |   |             |
| 11/01/24        | OIL CHANGE            |   |   |   | oil filter  |
| 11/01/24        | FUEL FILTERS          |   |   |   | A4731800909 |
| 11/01/24        | AIR FILTERS           |   |   |   | Fuel Filter |
|                 | AIR DRYER             |   |   |   | A4700903151 |
|                 | BRAKES                |   |   |   |             |
|                 | OILS                  |   |   |   |             |
|                 | PLUGS                 |   |   |   |             |
|                 | DIFFS                 |   |   |   |             |
|                 | GREASE                |   |   |   | DIFF Filler |
|                 | FLUIDS                |   |   |   | 3109        |
|                 | LIGHTS                |   |   |   |             |
|                 | GLASS(window/mirrors) |   |   |   |             |
|                 | CAB (INSIDE)          |   |   |   |             |
|                 | MUD FLAPS             |   |   |   |             |
|                 | TAG AXELS             |   |   |   |             |
|                 | AIR LEAKS             |   |   |   |             |
|                 | OIL LEAKS             |   |   |   |             |
|                 | TIRES                 |   |   |   |             |
|                 | BODY                  |   |   |   |             |
|                 | BATTERIES             |   |   |   |             |
|                 | FRAME/SUSPENSION      |   |   |   |             |
|                 | AIR BAGS              |   |   |   |             |
|                 | HUBS(GREASE)          |   |   |   |             |
|                 | LICENSE PLATES CHECK  |   |   |   |             |
|                 |                       |   |   |   |             |
|                 |                       |   |   |   |             |

I-Inspection, R-Repair, M-Maintenance



# Repair Order

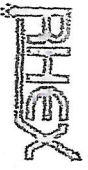
| Qty                                                                                                                                                                                                                                                                           | Part no | Description    | Price         | Amount | Problem(s)                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|---------------|--------|--------------------------------------------------------------------------|
| 1                                                                                                                                                                                                                                                                             | AD599   | 74943          |               |        | Clutch in op.                                                            |
| 1                                                                                                                                                                                                                                                                             | 450N2   | 563062R5       | new main seal |        |                                                                          |
| 1                                                                                                                                                                                                                                                                             | MU-1    | 55698-70HD     | flex box line |        |                                                                          |
| 12                                                                                                                                                                                                                                                                            |         | Flywheel bolts | clutch        |        |                                                                          |
| <p>Driver: _____ Tech: Mike</p> <p>Unit: 231 Make: Fiat Year: 14</p> <p>Turn up: <input type="checkbox"/> Oil change: <input type="checkbox"/> Minor overhaul: <input type="checkbox"/> Major overhaul: <input type="checkbox"/> Fuel filter(s): <input type="checkbox"/></p> |         |                |               |        | <p>Date: 6-22-23</p> <p>Date completed: _____</p> <p>Mileage: 513106</p> |
| <p>Description of work: Removed Flywheel. Replaced rear main seal. Installed Flywheel &amp; torques new bolts. Installed front torque &amp; bolts. Installed tranny. Put tranny cooler lines on. Filled tranny w/ fluid.</p>                                                  |         |                |               |        |                                                                          |
| <p>Approved by: _____</p> <p>Name: _____</p> <p>Signature: </p>                                                                                                                             |         |                |               |        | <p>Total Time: _____</p>                                                 |
| <p>Total parts: _____</p>                                                                                                                                                                                                                                                     |         |                |               |        |                                                                          |

**PHEX**



# Repair Order

Problem(s) *Needle greased / Band Slave cylinder*



|         |                                                |                |                          |
|---------|------------------------------------------------|----------------|--------------------------|
| Driver  |                                                | Date           | <i>6/21/23</i>           |
| Tech    | <i>Jake Skyles</i>                             | Date completed | <i>6/21/23</i>           |
| Unit    | <i>221</i>                                     | Make           | <i>Freightliner</i>      |
|         |                                                | Year           | <i>2019</i>              |
| Turn-up | <input checked="" type="checkbox"/> Oil change | Major overhaul | <input type="checkbox"/> |
|         |                                                | Fuel filter(s) | <input type="checkbox"/> |

Description of work  
*Greased front fork and axle at oil drain plug, got  
 just shaft seal on front drive oil filter and front  
 drive is also leaking helped back band clutch, other  
 clutch was bad the side was bad, removed the inspection  
 cover found broken springs and parts of clutch  
 advised needs new clutch*

Total parts

Approved by

Name:

Signature:

Total Time



Рис. 1

[illegible]



# Repair Order



Problem(s)

Blow coolant hose off top of radiator.

Driver Erik Porter

Date 6-13-23

Tech Mike

Year 2018

Date completed 6-13-23

Unit 221

Make Freightliner

Year 2018

Mileage 509,849

Tune-up ☐ Oil change ☐

Minor overhaul ☐

Major overhaul ☐

Fuel filter(s) ☐

Description of work

Hrs Mins

• Drove to sundance and looked tire over.

6

• Installed new coolant clamp and topped off coolant and ran truck for about 20 minutes before leaving to make sure everything was good.

Total parts

Approved by

Name:

Signature:

Total Time

Notes

gallons of coolant  
hose clamp



# Repair Order



Problem(s)  
need power steering lines

Driver

Tech JLOPER

Unit 221 Make Freight

Turn up - 2 Oil change - 5

Minor overhaul - 5

Major overhaul - 5

Fuel filter(s) - 5

Date 2/11/23

Date completed

Mileage 521,733

Hrs

Mins

Replaced Reservoir w/ new one.  
Replaced O rings on bear bars

Total parts

Name:

Approved by

Signature:

Total Time



# Repair Order

| Qty         | Part no | Description     | Price | Amount | Problems)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|---------|-----------------|-------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |         | Box             |       |        | <div>PHEX</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|             |         | Fire ext bucket |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|             |         |                 |       |        | Driver _____<br>Tech <u>Soey</u><br>Unit <u>221</u> Make <u>Freightliner</u> Year <u>2014</u> Date completed <u>7-5-23</u><br>Turn-up <input type="checkbox"/> Oil change <input type="checkbox"/> Minor overhaul <input type="checkbox"/> Major overhaul <input type="checkbox"/> Fuel filter(s) <input type="checkbox"/><br>Description of work <u>Installed Box on to back Rack then Installed fire extensor to box</u> Hrs <u>30</u> Mins _____<br>Approved by _____<br>Name: _____<br>Signature: <br>Total Time _____ |
| Total parts |         |                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Total Time

Re

# Repair Order

| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Price | Amount | Problem(s)                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fuel Filter                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2      | PM 221                                                                                                                                                                                   |
| 72452189                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |        |                                                                                                                                                                                          |
| Lab Filter                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       | 1      |                                                                                                                                                                                          |
| 4318                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |        |                                                                                                                                                                                          |
| Engine Filter                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       | 1      |                                                                                                                                                                                          |
| DOF 183268                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |        | <div> <div>Driver</div> <div>Tech <i>MRON</i></div> <div>Unit 221</div> <div>Make Freight</div> <div>Year 2007</div> <div>Date completed 7-12-23</div> <div>Mileage 522,247</div> </div> |
| Oil Filter                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       | 1      |                                                                                                                                                                                          |
| A473180009                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |        |                                                                                                                                                                                          |
| FWSeparator                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 1      |                                                                                                                                                                                          |
| A0000905051                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |        |                                                                                                                                                                                          |
| <div> <div>Turn-up <input type="checkbox"/> Oil change <input type="checkbox"/> Minor overhaul <input type="checkbox"/> Major overhaul <input type="checkbox"/> Fuel filter(s) <input type="checkbox"/></div> <div> <div>Description of work</div> <div> <i>Replaced PM on truck, found clutch brake was missing, thru drive output seal leaking. All fluids full, brakes good. Reconditioned truck with on thru drive seal, has that much play in it.</i> </div> </div> </div> |       |        | <div> <div>Hrs</div> <div>Mins</div> </div>                                                                                                                                              |
| Total parts                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |        |                                                                                                                                                                                          |
| <div> <div>Approved by</div> <div>Name:</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                            |       |        |                                                                                                                                                                                          |
| <div> <div>Signature: <i>[Signature]</i></div> <div>Total Time</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                     |       |        | <div> <div>4</div> </div>                                                                                                                                                                |







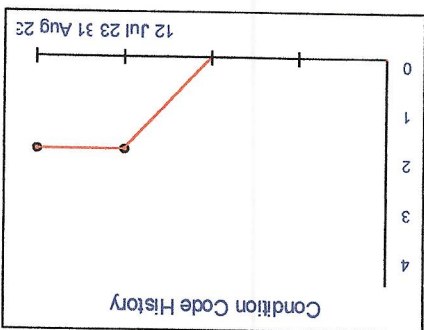


# Oil Analysis Report

Bottle Ref: 1

0 = New or Rebuilt Machine  
1 = Healthy Machine  
2 = Minor or Suspect Problem  
3 = Definite Problem  
4 = Serious Problem

2



TBN low this survey.

Aluminum level considered marginal. Slight improvement this survey.  
Potassium level remains slightly elevated but has improved from previous sample.

## RECOMMENDED ACTION:

Monitor for continued improvement to compartment conditions with reported fluid and filter change.

## SAMPLE DETAILS

| WEAR METALS                   | DATE OF SAMPLE: | SAMPLE NO: | FLUID/FILTER CHANGED (YES OR NO): | EQUIPMENT HRS: | EQUIPMENT MIS: |
|-------------------------------|-----------------|------------|-----------------------------------|----------------|----------------|
| LEAD (Pb):                    | 19              | 0          |                                   |                |                |
| IRON (Fe):                    | 55              | 27         |                                   |                |                |
| ALUMINIUM (Al):               | 24              | 24         |                                   |                |                |
| COPPER (Cu):                  | 36              | 5          |                                   |                |                |
| CHROMIUM (Cr):                | 15              | 5          |                                   |                |                |
| TIN (Sn):                     | 15              | 0          |                                   |                |                |
| NICKEL (Ni):                  | 4               | 1          |                                   |                |                |
| SILVER (Ag):                  | 6               | 0          |                                   |                |                |
| CONTAMINANTS                  |                 |            |                                   |                |                |
| SILICON (Si):                 | 19              | 9          |                                   |                |                |
| SODIUM (Na):                  | 23              | 7          |                                   |                |                |
| POTASSIUM (K):                | 7               | 29         |                                   |                |                |
| ADDITIONS                     |                 |            |                                   |                |                |
| TITANIUM (Ti):                | 88              | 15         |                                   |                |                |
| MAGNESIUM (Mg):               | 384             | 98         |                                   |                |                |
| ZINC (Zn):                    | 1282            | 1153       |                                   |                |                |
| CALCIUM (Ca):                 | 2080            | 2118       |                                   |                |                |
| PHOSPHOROUS (P):              | 1160            | 1245       |                                   |                |                |
| PHYSICALS                     |                 |            |                                   |                |                |
| VISCOSITY (cSt at 40°C):      | L 97.8, U 126.5 | 122.8      |                                   |                |                |
| VISCOSITY (cSt at 100°C):     | L 14.0, U 17.1  | 0.0        |                                   |                |                |
| VISCOSITY INDEX:              | 128             | 0          |                                   |                |                |
| WATER (ppm):                  | 283             | 288        |                                   |                |                |
| FUEL DILUTION (%):            | 2.90            | 0.60       |                                   |                |                |
| TOTAL BASE NUMBER (mg KOH/g): | 3               | 3.80       |                                   |                |                |
| INFRA RED                     |                 |            |                                   |                |                |
| OXIDATION (Abs/mm²):          | 22.20           | 20.60      |                                   |                |                |
| NITRATION (Abs/mm²):          | 13.50           | 16.10      |                                   |                |                |
| SULPHATION (Abs/mm²):         | 26.70           | 22.70      |                                   |                |                |
| GLYCOL (% wt):                | 0.00            | 0.50       |                                   |                |                |
| SOOT (% wt):                  | 0.98            | 0.77       |                                   |                |                |

DATE: 31 August 2023  
SITE: Ramsey Hill Exploration, LLC  
PLANT: Gillette Shop  
UNIT: Unit No.221  
MACHINE: Freightliner- Engine  
LUBRICANT: Guardol 15W-40  
DIAGNOSIS:





Date: 12 July 2023  
Site: Ramsey Hill Exploration, LLC  
Plant: Gillette Shop  
Unit: Unit No.221  
Machine: Cascadia  
Lubricant: Guardol 15W-40

DIAGNOSIS:

High aluminum and potassium levels.

TBN low.

RECOMMENDED ACTION:

At the next maintenance opportunity - Resample to confirm fluid and filter replacement improved compartment conditions.

SAMPLE DETAILS

|                                   |            |
|-----------------------------------|------------|
| Date of Sample:                   | 12 Jul 23  |
| Sample No:                        | GIL-355764 |
| Fluid/Filter Changed (Yes or No): | Y/Y        |
| Equipment Hrs:                    |            |
| Equipment Mis:                    | 522247     |

WEAR METALS

LIMIT

|                |    |    |
|----------------|----|----|
| Lead (Pb):     | 19 | 0  |
| Iron (Fe):     | 55 | 38 |
| Aluminum (Al): | 24 | 49 |
| Copper (Cu):   | 36 | 7  |
| Chromium (Cr): | 15 | 8  |
| Tin (Sn):      | 15 | 0  |
| Nickel (Ni):   | 4  | 1  |
| Silver (Ag):   | 6  | 0  |

CONTAMINANTS

|                |    |    |
|----------------|----|----|
| Silicon (Si):  | 19 | 10 |
| Sodium (Na):   | 23 | 8  |
| Potassium (K): | 7  | 73 |

ADDITIVES

|                  |      |      |
|------------------|------|------|
| Titanium (Ti):   | 15   | 15   |
| Magnesium (Mg):  | 98   | 98   |
| Zinc (Zn):       | 1153 | 1153 |
| Calcium (Ca):    | 2118 | 2118 |
| Phosphorous (P): | 1245 | 1245 |

PHYSICALS

|                               |                 |       |
|-------------------------------|-----------------|-------|
| Viscosity (cSt at 40°C):      | L 97.8, U 126.5 | 115.1 |
| Viscosity (cSt at 100°C):     | L 14.0, U 17.1  | 0.0   |
| Viscosity Index:              | 128             | 0     |
| Water (ppm):                  |                 | 288   |
| Fuel Dilution (%):            |                 | 0.60  |
| Total Base Number (mg KOH/g): | 3               | 3.80  |

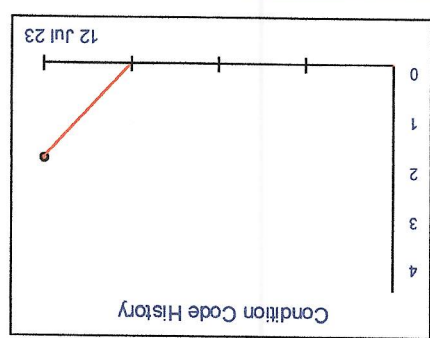
INFRA RED

|                       |       |
|-----------------------|-------|
| Oxidation (Abs/mm²):  | 20.60 |
| Nitration (Abs/mm²):  | 16.10 |
| Sulphation (Abs/mm²): | 22.70 |
| Glycol (% wt):        | 0.50  |
| Soot (% wt):          | 0.77  |

Oil Analysis Report

Bottle Ref: 2

- 0 = New or Rebuilt Machine  
1 = Healthy Machine  
2 = Minor or Suspect Problem  
3 = Definite Problem  
4 = Serious Problem









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# Repair Order

[illegible]



Use of the following

[illegible]

# Repair Order



Problem(s) PM

Description

Part(s)

Amount

Driver

Tech Suke / Brian

Unit 220 Make Ford

Year 2019

Date 9/23/23

Date completed 9/23/23

Mileage 517,000

Time 2:00 - 3:00

Description of work

Hrs Mins

Replaced SP pressure washer, night shift left  
off site oil filter, fuel filter, add oil  
Changed front ball

Total parts

Approved by

Name:

Signature:

Total Time





# Repair Order



Problem(s)

*Diff leaking*

Driver

Date

Tech *KYC*

Date completed

Unit *221*

Make *EL*

Year *19*

Mileage

*522,217*

Tire-*up*

Oil-*change*

Minor-*overhaul*

Major-*overhaul*

Fuel-*filter(s)*

Description of Work

Hrs Mins

*Replaced spinners Seal on Front Diff*

Total parts

Approved by

Name:

Signature:

Total Time

*3*





























## VEHICLE INSPECTION, REPAIR AND MAINTENANCE RECORD

5-5-23

## VEHICLE IDENTIFICATION

Freightliner 498,304 3AKNGED1XJ5JZ2803  
 MAKE MILEAGE VIN  
 2017 11R22.5, 255/70R22.5, 11R22.5  
 MODEL YEAR TIRE SIZE  
 221  
 COMPANY NUMBER OWNER (IF LEASED)

| DATE (MM/DD/YY) | TYPE                  | I | R | M | NOTES                  |
|-----------------|-----------------------|---|---|---|------------------------|
|                 | DOT INSPECTION        | ✓ |   |   |                        |
|                 | FULL PM               | ✓ |   |   |                        |
|                 | OIL CHANGE            | ✓ |   |   |                        |
|                 | FUEL FILTERS          | ✓ |   |   |                        |
|                 | AIR FILTERS           | ✓ |   |   |                        |
|                 | AIR DRYER             | ✓ |   |   |                        |
|                 | BRAKES                | ✓ |   |   |                        |
|                 | OILS                  | ✓ |   |   |                        |
|                 | PLUGS                 | ✓ |   |   |                        |
|                 | DIFFS                 | ✓ |   |   |                        |
|                 | GREASE                | ✓ |   |   |                        |
|                 | FLUIDS                | ✓ |   |   |                        |
|                 | LIGHTS                | ✓ |   |   |                        |
|                 | GLASS(window/mirrors) | ✓ |   |   |                        |
|                 | CAB (INSIDE)          | ✓ |   |   | Fuckin stinks          |
|                 | MUD FLAPS             | ✓ | ✓ |   | Missing right mud flap |
|                 | TAG AXELS             | ✓ |   |   |                        |
|                 | AIR LEAKS             | ✓ |   |   |                        |
|                 | OIL LEAKS             | ✓ |   |   |                        |
|                 | TIRES                 | ✓ |   |   |                        |
|                 | BODY                  | ✓ |   |   |                        |
|                 | BATTERIES             | ✓ |   |   |                        |
|                 | FRAME/SUSPENSION      | ✓ |   |   |                        |
|                 | AIR BAGS              | ✓ |   |   |                        |
|                 | HUBS(GREASE)          | ✓ |   |   |                        |
|                 | LICENSE PLATES CHECK  | ✓ |   |   |                        |
|                 |                       |   |   |   |                        |
|                 |                       |   |   |   |                        |

I-Inspection, R-Repair, M-Maintenance



[illegible]

# Repair Order



Problem(s)

*No Tow Light / Not alarm*

Qty

Part no

Description

Price

Amount

Driver

Tech *Jim*

Unit *221*

Make *Freight*

Year *2014*

Mileage *510 059*

Turn up ☐ Oil change ☐ Minor overhaul ☐ Major overhaul ☐ Fuel filter(s) ☐

Description of work

Hrs

Mins

*hooked at wires and found 5 broken wires repaired & tested*

Approved by

Name:

Signature: *[Signature]*

Total Time

Total parts

Notes