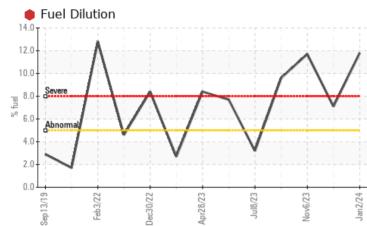
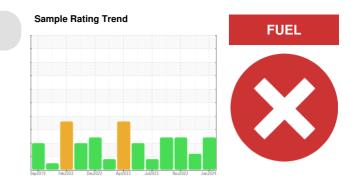


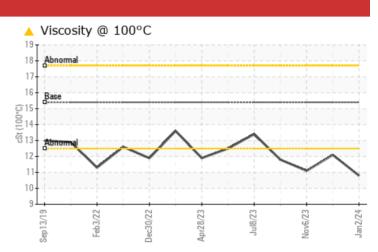
Machine Id 924031-260251

Component Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (--- GAL)

COMPONENT CONDITION SUMMARY







RECOMMENDATION

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

| PROBLEMATIC TEST RESULTS | | | | | | | | |
|--------------------------|-----|------------|------|---------------|--------------|--------|--|--|
| Sample Status | | | | SEVERE | ABNORMAL | SEVERE | | |
| Fuel | % | ASTM D3524 | >5 | • 11.8 | ▲ 7.1 | • 11.7 | | |
| Visc @ 100°C | cSt | ASTM D445 | 15.4 | 10.8 | 1 2.1 | ▲ 11.1 | | |

Customer Id: GFL822 Sample No.: GFL0098328 Lab Number: 06060709 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

| RECOMMENDE | D ACTIONS | | | |
|-------------------------------|-----------|------|---------|---|
| Action | Status | Date | Done By | Description |
| Resample | | | ? | We recommend an early resample to monitor this condition. |
| Check Fuel/injector System | | | ? | We advise that you check the fuel injection system. |

HISTORICAL DIAGNOSIS



06 Dec 2023 Diag: Wes Davis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.



06 Nov 2023 Diag: Wes Davis



We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

05 Oct 2023 Diag: Wes Davis



We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.



view report







OIL ANALYSIS REPORT

Sample Rating Trend

FUEL

Machine Id 924031-260251

Component Diesel Engine

Fluid PETRO CANADA DURON SHP 15W40 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

| SAMPLE INFORMATION method limit/base current history1 history2 Sample Number Client Info GFL0098328 GFL0098346 GFL0084 Machanel FWR0 Machanel FWR0 Machanel Machanel Machanel Machanel Machanel SEVERE CONTAMINATION Machanel SEVERE ABAOPZ Machanel SATM057555 O C | iAL) | | Sep2019 | Feb2022 Dec2022 | Apr2023 Jul2023 Nov2023 | Jan2024 | |
|--|--|-----------------------------------|---|--|--|--|---|
| Sample Date Client Info 02 Jan 2024 06 Dec 2023 06 Nov 2023 Machine Age hrs Client Info 5105 4942 4780 Oil Age hrs Client Info 700 0 0 Oil Changed Client Info Changed NAC hangd NA Sample Status Client Info Changed Na Changd SEVERE ABNORMAL SEVERE CONTAMINATION method Imit/base current history1 history2 Water WC Method >0.2 NEG NEG NEG Chromium ppm ASTM 05185m >100 14 5 23 Chromium ppm ASTM 05185m >20 2 2 2 Idadi ppm ASTM 05185m >20 2 2 2 Lead ppm ASTM 05185m >30 <1 1 1 Aumium ppm ASTM 05185m >15 0 <1 1 | SAMPLE INFOR | MATION | method | limit/base | current | history1 | history2 |
| Machine Age hrs Client Info 5105 4942 4780 Oil Aga hrs Client Info 700 700 0 Oil Changed Client Info 700 700 0 Sample Status Info SeVERE ABNORMAL SEVERE CONTAMINATION method 50.2 NEG NEG NEG Water WC Method >0.2 NEG NEG NEG Wetar WC Method >0.2 NEG NEG NEG Wetar WC Method >0.2 NEG NEG NEG Micho MST MD5155 >100 14 5 23 Chromium ppm ASTM 05155 >20 <1 | Sample Number | | Client Info | | GFL0098328 | GFL0098346 | GFL0098384 |
| Machine Age hrs Client Info 5105 4942 4780 Oil Aga hrs Client Info 700 700 0 Oil Changed Client Info 700 700 0 Sample Status I Client Info SeVERE ABNORMAL SEVERE CONTAMINATION Wethed >0.2 NEG NEG NEG Water WC Method >0.2 NEG NEG NEG Wether WC Method >0.2 NEG NEG NEG Wether WC Method >0.2 NEG NEG NEG Micro WC Method >100 14 5 23 Ornornium ppm ASTM 05155m >40 0 <1 | Sample Date | | Client Info | | 02 Jan 2024 | 06 Dec 2023 | 06 Nov 2023 |
| Oil Changed Sample Status Client Info Changed SEVERE Not Changed ABNORMAL N/A CONTAMINATION method limit/base current history1 history2 Water WC Method >0.2 NEG NEG NEG Water WC Method >0.2 NEG NEG NEG Water WC Method >0.2 NEG NEG NEG Chromium ppm ASTM D5185m >10.0 14 5 23 Chromium ppm ASTM D5185m >20 <1 | | hrs | Client Info | | 5105 | 4942 | 4780 |
| Sample Status SEVERE ABNORMAL SEVERE CONTAMINATION method imit/base current history1 history2 Water WC Method >0.2 NEG NEG NEG Glycol WC Method >0.2 NEG NEG NEG WEAR METALS method imit/base current history1 history2 Iron ppm ASTM D5185m >100 14 5 23 Chromium ppm ASTM D5185m >4 0 <1 | Oil Age | hrs | Client Info | | 700 | 700 | 0 |
| Sample Status SEVERE ABNORMAL SEVERE CONTAMINATION method imilibase current history1 history2 Water WC Method >0.2 NEG NEG NEG Glycol WC Method >0.2 NEG NEG NEG WEAR METALS method imilibase current history1 history2 Iron ppm ASTM D5185m >100 14 5 23 Chromium ppm ASTM D5185m >40 0 <1 | - | | Client Info | | Changed | Not Changd | N/A |
| Water WC Method >0.2 NEG NEG NEG NEG Glycol WC Method Imil/base current history1 history2 Iron ppm ASTM D5185m >100 14 5 23 Chromium ppm ASTM D5185m >20 <1 | - | | | | - | ABNORMAL | SEVERE |
| Glycol WC Method NEG NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 <1 | CONTAMINAT | ION | method | limit/base | current | history1 | history2 |
| WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >100 14 5 23 Chromium ppm ASTM D5185m >20 <1 | Water | | WC Method | >0.2 | NEG | NEG | NEG |
| Iron ppm ASTM D5185m >100 14 5 23 Chromium ppm ASTM D5185m >20 <1 | Glycol | | WC Method | | NEG | NEG | NEG |
| Chromium ppm ASTM D5185m >20 <1 <1 <1 Nickel ppm ASTM D5185m >4 0 <1 | WEAR METAL | .S | method | limit/base | current | history1 | history2 |
| Nickel ppm ASTM D5185m >4 0 <1 <1 Titanium ppm ASTM D5185m >3 0 0 <1 | Iron | ppm | ASTM D5185m | >100 | 14 | 5 | 23 |
| Titanium ppm ASTM D5185m 0 0 <1 Silver ppm ASTM D5185m >3 0 0 <1 | Chromium | ppm | ASTM D5185m | >20 | <1 | <1 | <1 |
| Silver ppm ASTM D5185m >3 0 0 <1 Aluminum ppm ASTM D5185m >20 2 2 2 Lead ppm ASTM D5185m >40 0 0 1 Copper ppm ASTM D5185m >330 <1 0 1 Vanadium ppm ASTM D5185m >15 0 <1 <1 Cadmium ppm ASTM D5185m 0 0 0 <1 1 Cadmium ppm ASTM D5185m 0 0 0 0 <1 1 Boron ppm ASTM D5185m 0 0 0 <1 1 Barium ppm ASTM D5185m 0 0 <1 1 Barium ppm ASTM D5185m 0 0 <1 1 Molybdenum ppm ASTM D5185m 0 0 <1 1 Magnessium ppm ASTM D5185m | Nickel | ppm | ASTM D5185m | >4 | 0 | <1 | <1 |
| Aluminum ppm ASTM D5185m >20 2 2 2 Lead ppm ASTM D5185m >40 0 0 1 Copper ppm ASTM D5185m >330 <1 | Titanium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Lead ppm ASTM D5185m >40 0 0 1 Copper ppm ASTM D5185m >330 <1 | Silver | ppm | ASTM D5185m | >3 | 0 | 0 | <1 |
| Copper ppm ASTM D5185m >330 <1 0 1 Tin ppm ASTM D5185m >15 0 <1 | Aluminum | ppm | ASTM D5185m | >20 | 2 | 2 | 2 |
| Tin ppm ASTM D5185m >15 0 <1 <1 Vanadium ppm ASTM D5185m >15 0 0 <1 | Lead | ppm | ASTM D5185m | >40 | 0 | 0 | 1 |
| Vanadium ppm ASTM D5185m 0 0 <1 Cadmium ppm ASTM D5185m 0 0 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 1 1 Barium ppm ASTM D5185m 0 0 0 1 1 Barium ppm ASTM D5185m 0 0 0 1 1 Barium ppm ASTM D5185m 0 0 0 <1 1 Molybdenum ppm ASTM D5185m 0 0 <1 <1 Magnesium ppm ASTM D5185m 1010 826 864 840 Calcium ppm ASTM D5185m 1070 864 941 946 Phosphorus ppm ASTM D5185m 1070 2512 2888 2565 CONTAMINANTS method limit/base current< | Copper | ppm | ASTM D5185m | >330 | <1 | 0 | 1 |
| Cadmium ppm ASTM D5185m 0 0 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 1 1 Barium ppm ASTM D5185m 0 0 0 1 1 Barium ppm ASTM D5185m 0 0 0 1 1 Barium ppm ASTM D5185m 0 0 0 <1 1 Maganese ppm ASTM D5185m 0 0 0 <1 <1 Magnesium ppm ASTM D5185m 1010 826 864 840 Calcium ppm ASTM D5185m 1070 864 941 946 Phosphorus ppm ASTM D5185m 1070 864 941 946 Calcium ppm ASTM D5185m 1270 1083 1167 1107 Sulfur ppm AS | Tin | ppm | ASTM D5185m | >15 | 0 | <1 | <1 |
| ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 1 1 Barium ppm ASTM D5185m 0 0 0 <1 | Vanadium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Boron ppm ASTM D5185m 0 0 1 1 Barium ppm ASTM D5185m 0 0 0 <1 | Cadmium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Barium ppm ASTM D5185m 0 0 0 0 0 Molybdenum ppm ASTM D5185m 60 55 56 63 Manganese ppm ASTM D5185m 0 0 <1 <1 Magnesium ppm ASTM D5185m 1010 826 864 840 Calcium ppm ASTM D5185m 1010 826 864 941 946 Phosphorus ppm ASTM D5185m 1070 864 941 946 Phosphorus ppm ASTM D5185m 1070 864 941 946 Phosphorus ppm ASTM D5185m 1070 1083 1167 1107 Sulfur ppm ASTM D5185m 2060 2512 2888 2565 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 1 3 5 <tr< th=""><th>ADDITIVES</th><th></th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></tr<> | ADDITIVES | | method | limit/base | current | history1 | history2 |
| Molybdenum ppm ASTM D5185m 60 55 56 63 Manganese ppm ASTM D5185m 0 0 <1 | Boron | ppm | ASTM D5185m | 0 | 0 | 1 | 1 |
| Maganese ppm ASTM D5185m 0 0 <1 <1 Magnesium ppm ASTM D5185m 1010 826 864 840 Calcium ppm ASTM D5185m 1070 864 941 946 Phosphorus ppm ASTM D5185m 1270 1083 1167 1107 Sulfur ppm ASTM D5185m 2060 2512 2888 2565 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 1 3 5 Sodium ppm ASTM D5185m >20 1 3 0.6 Potassium ppm ASTM D | Barium | ppm | ASTM D5185m | 0 | 0 | 0 | <1 |
| Magnesium ppm ASTM D5185m 1010 826 864 840 Calcium ppm ASTM D5185m 1070 864 941 946 Phosphorus ppm ASTM D5185m 1150 906 999 887 Zinc ppm ASTM D5185m 1270 1083 1167 1107 Sulfur ppm ASTM D5185m 2060 2512 2888 2565 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Fuel % ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/rm< *ASTM D7624 | Molybdenum | ppm | ASTM D5185m | 60 | 55 | 56 | 63 |
| Calcium ppm ASTM D5185m 1070 864 941 946 Phosphorus ppm ASTM D5185m 1150 906 999 887 Zinc ppm ASTM D5185m 1270 1083 1167 1107 Sulfur ppm ASTM D5185m 2060 2512 2888 2565 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 0.6 Nitration Abs/cm *ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/.1mm *ASTM D7624 >20 | Manganese | ppm | ASTM D5185m | 0 | 0 | <1 | <1 |
| Phosphorus ppm ASTM D5185m 1150 906 999 887 Zinc ppm ASTM D5185m 1270 1083 1167 1107 Sulfur ppm ASTM D5185m 2060 2512 2888 2565 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Soot % % ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/.mm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.lmm *ASTM D7624 >20 | Magnesium | ppm | ASTM D5185m | 1010 | 826 | 864 | 840 |
| Zinc ppm ASTM D5185m 1270 1083 1167 1107 Sulfur ppm ASTM D5185m 2060 2512 2888 2565 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >20 1 3 5 Potassium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D5324 >5 11.8 7.1 11.7 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7415 >30 | Calcium | ppm | ASTM D5185m | 1070 | 864 | 941 | 946 |
| Sulfur ppm ASTM D5185m 2060 2512 2888 2565 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >20 1 3 5 Potassium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Soot % % ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7624 >20 9.5 7.2 10.3 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 > | Phosphorus | ppm | ASTM D5185m | 1150 | 906 | 999 | 887 |
| CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m<>25 3 4 5 Sodium ppm ASTM D5185m >25 3 4 5 Potassium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 Sodium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 0.6 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.2 18.5 20.9< | Zinc | ppm | ASTM D5185m | 1270 | 1083 | 1167 | 1107 |
| Silicon ppm ASTM D5185m >25 3 4 5 Sodium ppm ASTM D5185m >20 37 23 60 Potassium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D5185m >20 1 3 5 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.2 18.5 20.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | Sulfur | ppm | ASTM D5185m | 2060 | 2512 | 2888 | 2565 |
| Sodium ppm ASTM D5185m 37 23 60 Potassium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D3524 >5 11.8 7.1 11.7 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7615 >30 19.2 18.5 20.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | CONTAMINAN | ITS | method | limit/base | current | history1 | history2 |
| Potassium ppm ASTM D5185m >20 1 3 5 Fuel % ASTM D3524 >5 11.8 ▲ 7.1 11.7 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.2 18.5 20.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | Silicon | ppm | ASTM D5185m | >25 | 3 | 4 | 5 |
| Fuel % ASTM D3524 >5 11.8 ▲ 7.1 11.7 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.2 18.5 20.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | Sodium | ppm | ASTM D5185m | | 37 | | 60 |
| INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.2 18.5 20.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | | ppm | ASTM D5185m | >20 | 1 | 3 | |
| Soot % % *ASTM D7844 >3 0.5 0.3 0.6 Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.2 18.5 20.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | E I | | | | | | |
| Nitration Abs/cm *ASTM D7624 >20 9.5 7.2 10.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.2 18.5 20.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | | % | ASTM D3524 | >5 | • 11.8 | ▲ 7.1 | 11.7 |
| Sulfation Abs/.1mm *ASTM D7415 >30 19.2 18.5 20.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | INFRA-RED | % | | | | | history2 |
| FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | INFRA-RED Soot % | % | method | limit/base | current | history1 0.3 | history2 |
| Oxidation Abs/.1mm *ASTM D7414 >25 16.6 14.5 18.4 | INFRA-RED Soot % | % | method *ASTM D7844 | limit/base >3 | current 0.5 | history1 0.3 | history2 0.6 |
| | INFRA-RED Soot % Nitration | % Abs/cm | method *ASTM D7844 *ASTM D7624 | limit/base >3 >20 | current 0.5 9.5 | history1 0.3 7.2 | history2 0.6 10.3 |
| Base Number (BN) mg KOH/g ASTM D2896 9.8 7.2 8.2 6.4 | INFRA-RED Soot % Nitration Sulfation | % Abs/cm Abs/.1mm | method *ASTM D7844 *ASTM D7624 *ASTM D7415 | limit/base >3 >20 >30 | current 0.5 9.5 19.2 | history1 0.3 7.2 18.5 | history2 0.6 10.3 20.9 |
| | INFRA-RED Soot % Nitration Sulfation FLUID DEGRA | % Abs/cm Abs/.1mm DATION | method *ASTM D7844 *ASTM D7624 *ASTM D7415 method | limit/base >3 >20 >30 limit/base | current 0.5 9.5 19.2 current | history1 0.3 7.2 18.5 history1 | history2 0.6 10.3 20.9 history2 |



OIL ANALYSIS REPORT

NONE

NONE

NONE

NONE

NORML

limit/base

>0.2

an2/24

Jan2/24

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

NONE

NONE

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NONE

NONE

NONE

NORML

NORML

NEG

NEG

12.1

NONE

NONE

NONE

NONE

NONE

NONE

NORML

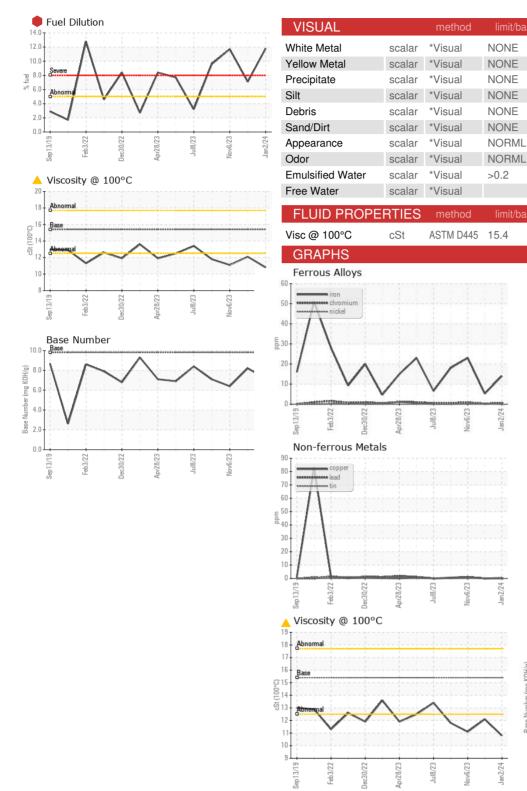
NORML

history

NEG

NEG

11.1



Laboratory

Sample No.

Lab Number

Unique Number

: GFL0098328

Test Package : FLEET (Additional Tests: PercentFuel)

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

:06060709

: 10832091

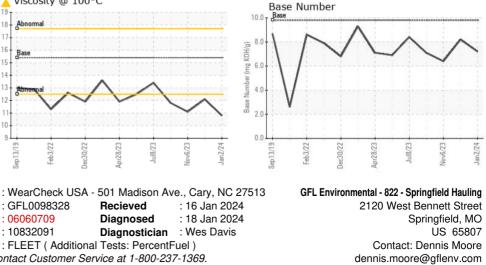
To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Recieved

Diagnosed

Diagnostician : Wes Davis



T: (417)403-3641 F:

Certificate L2367

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