

# **OIL ANALYSIS REPORT**

**Sample Rating Trend** 



NORMAL



# 2643C PETERBILT 567

Component

**Natural Gas Engine** 

PETRO CANADA DURON GEO LD 15W40 (48 QTS)

## DIAGNOSIS

#### Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

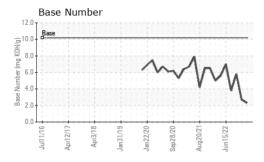
#### **Fluid Condition**

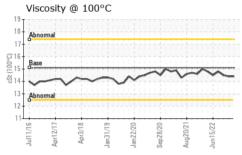
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION   method   limit/base   current   history1   history2	(40 Q15)		12016 Apr20	17 Apr2018 Jan2019	Jan2020 Sep2020 Aug2021 J	lun 2022	
Sample Date	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Date         Client Info         20 Feb 2024         06 Dec 2023         26 Apr 2023           Machine Age         hrs         Client Info         28500         20155         19064           Oil Age         hrs         Client Info         8345         1091         1459           Oil Changed         Client Info         Changed         Changed         Changed         Changed           Sample Status         Image: Client Info         Changed         Changed         Changed         Changed           CONTAMINATION         method         limit/base         current         history1         history2           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         11         16         6           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         11         16         6           Chromium         ppm         ASTM D5185m         >30         0         0         0           Iron         ppm         ASTM D5185m         >30         0 <td>Sample Number</td> <td></td> <td>Client Info</td> <td></td> <th>GFL0103168</th> <td>GFL0103264</td> <td>GFL0056711</td>	Sample Number		Client Info		GFL0103168	GFL0103264	GFL0056711
Oil Age         hrs         Client Info         8345         1091         1459           Oil Changed Sample Status         Client Info         Changed			Client Info		20 Feb 2024	06 Dec 2023	26 Apr 2023
Oil Changed Sample Status         Client Info         Changed NORMAL         NORMAL           CONTAMINATION         method         limit/base         current         history1         history2           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         11         16         6           Chromium         ppm         ASTM D5185m         >20         0         0         0           Nickel         ppm         ASTM D5185m         >2         0         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0         0           Silver         ppm         ASTM D5185m         >9         2         3         2         1         -1         1         0 <td>•</td> <td>hrs</td> <td>Client Info</td> <td></td> <th>28500</th> <td>20155</td> <td></td>	•	hrs	Client Info		28500	20155	
Sample Status         MORMAL         NORMAL         NORMAL         NORMAL         NORMAL         NORMAL         CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         11         16         6           Chromium         ppm         ASTM D5185m         >4         1         2         <1           Nickel         ppm         ASTM D5185m         >2         0         0         0           Silver         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >30         11         10         0           Silver         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >30         10         0	Oil Age	hrs	Client Info		8345	1091	1459
CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         11         16         6           Chromium         ppm         ASTM D5185m         >4         1         2         <1           Nickel         ppm         ASTM D5185m         >3         0         0         0           Sliver         ppm         ASTM D5185m         >3         0         0         0           Aluminum         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >35         2         1         <1           Vanadium         ppm         ASTM D5185m         >4         0         0         0           Cadmium         ppm         ASTM D5185m         5         2         1         >1           ADDITIVES         method         limit/base         current         history1         history2	Oil Changed		Client Info		Changed	Changed	Changed
Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         11         16         6           Chromium         ppm         ASTM D5185m         >2         0         0         0           Nickel         ppm         ASTM D5185m         >2         0         0         0           Titanium         ppm         ASTM D5185m         >3         0         0         0           Alluminum         ppm         ASTM D5185m         >3         0         0         0           Aluminum         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         50         6         10         2	Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         11         16         6           Chromium         ppm         ASTM D5185m         >4         1         2            Nickel         ppm         ASTM D5185m         >2         0         0         0           Silver         ppm         ASTM D5185m         >3         0         0         0           Aluminum         ppm         ASTM D5185m         >3         0         0         0           Aluminum         ppm         ASTM D5185m         >9         2         3         2           Lead         ppm         ASTM D5185m         >9         2         1         <1           Copper         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         50         6         10         2 </th <th>CONTAMINAT</th> <th>ION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	CONTAMINAT	ION	method	limit/base	current	history1	history2
Iron	Water		WC Method	>0.1	NEG	NEG	NEG
Chromium         ppm         ASTM D5185m         >4         1         2            Nickel         ppm         ASTM D5185m         >2         0         0         0           Titanium         ppm         ASTM D5185m         >2         0         0         0           Silver         ppm         ASTM D5185m         >3         0         0         0           Aluminum         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >35         2         1         <1	WEAR METAL	S	method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>50	11	16	6
Titanium         ppm         ASTM D5185m         0         <1         0           Silver         ppm         ASTM D5185m         >3         0         0         0           Aluminum         ppm         ASTM D5185m         >9         2         3         2           Lead         ppm         ASTM D5185m         >9         2         3         2           Copper         ppm         ASTM D5185m         >35         2         1         <1           Tin         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         50         39         69         51           Manganese         ppm         ASTM D5185m         50         39         69         51 <t< td=""><td>Chromium</td><td>ppm</td><td>ASTM D5185m</td><td>&gt;4</td><th>1</th><td>2</td><td>&lt;1</td></t<>	Chromium	ppm	ASTM D5185m	>4	1	2	<1
Silver         ppm         ASTM D5185m         >3         0         0         0           Aluminum         ppm         ASTM D5185m         >9         2         3         2           Lead         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >35         2         1         <1           Tin         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         6         10         28           Barium         ppm         ASTM D5185m         5         <1         3         0           Molybdenum         ppm         ASTM D5185m         50         39         69         51           Manganese         ppm         ASTM D5185m         50         39         69         5	Nickel	ppm	ASTM D5185m	>2	0	0	0
Aluminum	Titanium	ppm	ASTM D5185m		0	<1	0
Lead         ppm         ASTM D5185m         >30         11         10         0           Copper         ppm         ASTM D5185m         >35         2         1         <1           Tin         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         50         4         1         3         0           Molybdenum         ppm         ASTM D5185m         50         39         69         51           Manganese         ppm         ASTM D5185m         50         39         69         51           Magnesium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         780         514	Silver	ppm	ASTM D5185m	>3	0	0	0
Copper         ppm         ASTM D5185m         >35         2         1         <1           Tin         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         50         4         1         3         0           Molybdenum         ppm         ASTM D5185m         50         39         69         51           Manganese         ppm         ASTM D5185m         50         39         69         51           Magnesium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         1510         1071         1977         1617           Phosphorus         ppm         ASTM D5185m         870	Aluminum	ppm	ASTM D5185m	>9	2	3	2
Tin         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         50         39         69         51           Molybdenum         ppm         ASTM D5185m         50         39         69         51           Manganese         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         780         514         898         775           Zinc         ppm         ASTM D5185m         870         669	Lead	ppm	ASTM D5185m	>30	11	10	0
Vanadium         ppm         ASTM D5185m         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         50         39         69         51           Molybdenum         ppm         ASTM D5185m         50         39         69         51           Manganese         ppm         ASTM D5185m         50         39         69         51           Magnesium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         1510         1071         1977         1617           Phosphorus         ppm         ASTM D5185m         780         514         898         775           Sinc         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1	Copper	ppm	ASTM D5185m	>35	2	1	<1
Cadmium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         5         <1	Tin	ppm	ASTM D5185m	>4	0	0	0
ADDITIVES	Vanadium	ppm	ASTM D5185m		0	0	0
Boron         ppm         ASTM D5185m         50         6         10         28           Barium         ppm         ASTM D5185m         5         <1         3         0           Molybdenum         ppm         ASTM D5185m         50         39         69         51           Manganese         ppm         ASTM D5185m         50         406         696         580           Calcium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         780         514         898         775           Zinc         ppm         ASTM D5185m         870         669         1160         964           Sulfur         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         <	Cadmium	ppm	ASTM D5185m		0	0	0
Barium         ppm         ASTM D5185m         5         <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         50         39         69         51           Manganese         ppm         ASTM D5185m         0         0         0         <1           Magnesium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         1510         1071         1977         1617           Phosphorus         ppm         ASTM D5185m         780         514         898         775           Zinc         ppm         ASTM D5185m         870         669         1160         964           Sulfur         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/b	Boron	ppm	ASTM D5185m	50	6	10	28
Manganese         ppm         ASTM D5185m         0         0         <1           Magnesium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         1510         1071         1977         1617           Phosphorus         ppm         ASTM D5185m         780         514         898         775           Zinc         ppm         ASTM D5185m         870         669         1160         964           Sulfur         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         0.1         0         0           Nitration         Abs/cm         *ASTM D7824         >20         12.6 </td <td>Barium</td> <td>ppm</td> <td>ASTM D5185m</td> <td>5</td> <th>&lt;1</th> <td>3</td> <td>0</td>	Barium	ppm	ASTM D5185m	5	<1	3	0
Magnesium         ppm         ASTM D5185m         560         406         696         580           Calcium         ppm         ASTM D5185m         1510         1071         1977         1617           Phosphorus         ppm         ASTM D5185m         780         514         898         775           Zinc         ppm         ASTM D5185m         870         669         1160         964           Sulfur         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         "ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         "ASTM D7415         >30	Molybdenum	ppm	ASTM D5185m	50	39	69	51
Calcium         ppm         ASTM D5185m         1510         1071         1977         1617           Phosphorus         ppm         ASTM D5185m         780         514         898         775           Zinc         ppm         ASTM D5185m         870         669         1160         964           Sulfur         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >20         2         3         0           Potassium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION	Manganese	ppm	ASTM D5185m	0	0	0	<1
Phosphorus         ppm         ASTM D5185m         780         514         898         775           Zinc         ppm         ASTM D5185m         870         669         1160         964           Sulfur         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >20         2         3         0           Potassium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm <t< td=""><td>Magnesium</td><td>ppm</td><td>ASTM D5185m</td><td>560</td><th>406</th><td>696</td><td>580</td></t<>	Magnesium	ppm	ASTM D5185m	560	406	696	580
Zinc         ppm         ASTM D5185m         870         669         1160         964           Sulfur         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >+100         6         10         6           Potassium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	Calcium	ppm	ASTM D5185m	1510	1071	1977	1617
Sulfur         ppm         ASTM D5185m         2040         1604         3264         2951           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         >20         2         3         0           Potassium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         0.1         0         0           Nitration         Abs/cm         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	Phosphorus	ppm	ASTM D5185m	780	514	898	775
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         0         10         6           Potassium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         0.1         0         0           Nitration         Abs/cm         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	Zinc	ppm	ASTM D5185m	870	669	1160	964
Silicon         ppm         ASTM D5185m         >+100         6         12         11           Sodium         ppm         ASTM D5185m         0         10         6           Potassium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         0.1         0         0           Nitration         Abs/cm         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	Sulfur	ppm	ASTM D5185m	2040	1604	3264	2951
Sodium         ppm         ASTM D5185m         0         10         6           Potassium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         0.1         0         0           Nitration         Abs/cm         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	CONTAMINAN	ITS	method	limit/base	current	history1	history2
Potassium         ppm         ASTM D5185m         >20         2         3         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         0.1         0         0           Nitration         Abs/cm         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	Silicon	ppm	ASTM D5185m	>+100	6	12	11
INFRA-RED	Sodium	ppm	ASTM D5185m		0	10	6
Soot %         %         *ASTM D7844         0.1         0         0           Nitration         Abs/cm         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	Potassium	ppm	ASTM D5185m	>20	2	3	0
Nitration         Abs/cm         *ASTM D7624         >20         12.6         12.3         8.8           Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION method limit/base current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	INFRA-RED		method	limit/base	current	history1	history2
Sulfation         Abs/.1mm         *ASTM D7415         >30         29.9         28.1         19.3           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         27.4         25.0         16.8	Soot %	%	*ASTM D7844		0.1	0	0
FLUID DEGRADATION method limit/base current history1 history2  Oxidation Abs/.1mm *ASTM D7414 >25 27.4 25.0 16.8	Nitration	Abs/cm	*ASTM D7624	>20	12.6	12.3	8.8
Oxidation	Sulfation	Abs/.1mm	*ASTM D7415	>30	29.9	28.1	19.3
	FLUID DEGRAI	NOITAC	method	limit/base	current	history1	history2
<b>Base Number (BN)</b> mg KOH/g ASTM D2896 10.2 <b>2.3</b> 2.7 5.8	Oxidation	Abs/.1mm	*ASTM D7414	>25	27.4	25.0	16.8
	5 11 1 (510)						



## **OIL ANALYSIS REPORT**

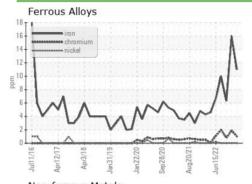


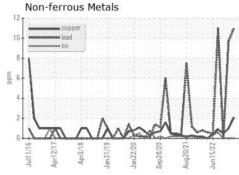


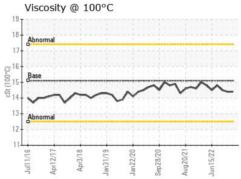
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
<b>Emulsified Water</b>	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

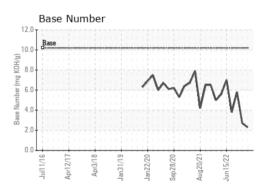
FLUID PROPERTIES		method				history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.4	14.4	14.5

### **GRAPHS**













Certificate L2367

Laboratory Sample No. Lab Number : 06095267 Unique Number: 10888120

Test Package : FLEET

: GFL0103168

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested** 

: 21 Feb 2024 Diagnosed

: 22 Feb 2024 : 22 Feb 2024 - Sean Felton

GFL Environmental - 001 - Raleigh(CNG)

3741 Conquest Drive Garner, NC US 27529

Contact: Craig Johnson

craig.johnson@gflenv.com T: (919)662-7100

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

F: (919)662-7130

Report Id: GFL001 [WUSCAR] 06095267 (Generated: 02/22/2024 15:21:37) Rev: 1