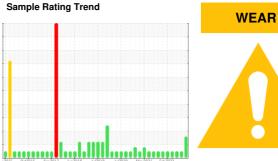


# **PROBLEM SUMMARY**

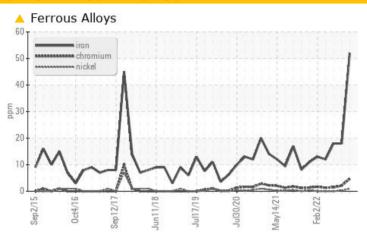


Machine Id 10519C

Component **Natural Gas Engine** 

PETRO CANADA DURON GEO LD 15W40 (28 QTS)

## **COMPONENT CONDITION SUMMARY**



### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL	NORMAL	NORMAL		
Iron	ppm	ASTM D5185m	>50	<u> </u>	18	18		
Chromium	ppm	ASTM D5185m	>4	<u> </u>	2	2		

Customer Id: GFL001 Sample No.: GFL0103215 Lab Number: 06034384 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldridge +1 don.b505@comcast.net

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

### **RECOMMENDED ACTIONS**

There are no recommended actions for this sample.

### HISTORICAL DIAGNOSIS

### 20 Sep 2022 Diag: Jonathan Hester

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



### 01 Jun 2022 Diag: Jonathan Hester

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



### 11 Apr 2022 Diag: Jonathan Hester

NORMAL

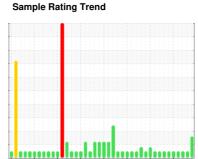


Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.





# **OIL ANALYSIS REPORT**



**WEAR** 



Machine Id 10519C Component

**Natural Gas Engine** 

PETRO CANADA DURON GEO LD 15W40 (

### **DIAGNOSIS**

### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

#### Wear

Cylinder, crank, or cam shaft wear is indicated. All other component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

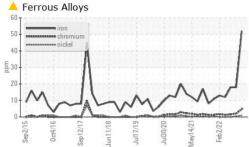
### **Fluid Condition**

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

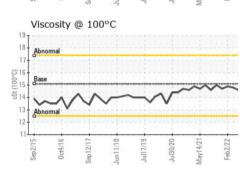
SAMPLE INFORMATION method limit/base current history1 history2   Sample Number Client Info GFL0103215 GFL0056533 GFL0052396   Sample Date Client Info 12 Dec 2022 20 Sep 2022 01 Jun 2022   Machine Age hrs Client Info 6485 5685 4958   Oil Changed Client Info 0 727 552   Oil Changed Client Info Changed Changed Changed Changed Changed Changed Changed Changed Changed NCRMAL NORMAL NEG	(28 QTS) (28 QTS)							
Sample Date Client Info 12 Dec 2023 20 Sep 2022 01 Jun 2022   Machine Age hrs Client Info 6485 5685 4958   Oil Age hrs Client Info Changed	SAMPLE INFORI	MATION	method	limit/base	current	history1	history2	
Machine Age hrs Client Info 6485 5685 4958   Oil Age hrs Client Info 0 727 552   Oil Changed Client Info Changed Changed Changed Changed Changed Changed NCRMAL NORMAL   Sample Status method limit/base current history1 history2   Ware WC Method >0.1 NEG NEG NEG   WEAR METALS method limit/base current history1 history2   Iron ppm ASTM D5185m >50 ♣ 52 18 18   Chromium ppm ASTM D5185m >4 ♣ 5 2 2 2   Iron ppm ASTM D5185m >4 ♣ 5 2 2 2   Chromium ppm ASTM D5185m >3 0 0 0 0   Lead ppm ASTM D5185m >9 6 3 4 2 3   Tin ppm	Sample Number		Client Info		GFL0103215	GFL0056533	GFL0052396	
Oil Age hrs Client Info Changed 727 552   Oil Changed Sample Status Client Info Changed	Sample Date		Client Info		12 Dec 2023	20 Sep 2022	01 Jun 2022	
Oil Changed Sample Status Client Info Changed ABNORMAL Changed NORMAL NORMAL Control Normal	Machine Age	hrs	Client Info		6485	5685	4958	
Sample Status 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 \$ 52 18 18   Chromium ppm ASTM D5185m >4 \$ 5 2 2   Nickel ppm ASTM D5185m >2 1 <1 <1 0   Silver ppm ASTM D5185m >2 1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Oil Age	hrs	Client Info		0	727	552	
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 \$52 18 18   Chromium ppm ASTM D5185m >4 \$5 2 2 2   Nickel ppm ASTM D5185m >3 0 0 0 0   Alluminum ppm ASTM D5185m >3 0 0 0 0   Alluminum ppm ASTM D5185m >30 13 5 1 1   Capper ppm ASTM D5185m >30 13 5 1 1   Capper ppm ASTM D5185m >4 <1 <1 <1 <1 <1   Capper ppm ASTM D5185m 0 0 </td <td>Oil Changed</td> <td></td> <td>Client Info</td> <td></td> <td>Changed</td> <td>Changed</td> <td>Changed</td>	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 52 18 18   Chromium ppm ASTM D5185m >50 52 2 2 2   Nickel ppm ASTM D5185m >2 1 <1 0   Titanium ppm ASTM D5185m >3 0 0 0 0   Aluminum ppm ASTM D5185m >9 6 3 4 1   Aluminum ppm ASTM D5185m >9 6 3 4 1 1   Lead ppm ASTM D5185m >9 6 3 4 2 3 1   Copper ppm ASTM D5185m >30 13 5 1 1    Vaadium ppm ASTM D5185m 50 0 0	Sample Status				ABNORMAL	NORMAL	NORMAL	
WEAR METALS method limit/base current history1 history2   Iron ppm ASTM D5185m >50 ▲ 52 18 18   Chromium ppm ASTM D5185m >4 ▲ 5 2 2   Nickel ppm ASTM D5185m >4 ▲ 5 2 2   Nickel ppm ASTM D5185m >4 1 <1	CONTAMINAT	ION	method	limit/base	current	history1	history2	
Iron	Water		WC Method	>0.1	NEG	NEG	NEG	
Chromium ppm ASTM D5185m >4 5 2 2   Nickel ppm ASTM D5185m >2 1 <1	WEAR METAL	S	method	limit/base	current	history1	history2	
Nickel	Iron	ppm	ASTM D5185m	>50	<b>△</b> 52	18	18	
Titanium	Chromium	ppm	ASTM D5185m	>4	<u>^</u> 5	2	2	
Silver ppm ASTM D5185m >3 0 0 0   Aluminum ppm ASTM D5185m >9 6 3 4   Lead ppm ASTM D5185m >30 13 5 1   Copper ppm ASTM D5185m >35 4 2 3   Tin ppm ASTM D5185m >4 -1 -1 -1   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 8 5 9   Barium ppm ASTM D5185m 50 57 51 50   Molybdenum ppm ASTM D5185m 50 57 51 50   Mangaesium ppm ASTM D5185m 50 57 51 <	Nickel	ppm	ASTM D5185m	>2	1	<1	0	
Aluminum ppm ASTM D5185m >9 6 3 4   Lead ppm ASTM D5185m >30 13 5 1   Copper ppm ASTM D5185m >35 4 2 3   Tin ppm ASTM D5185m 0 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 8 5 9   Barium ppm ASTM D5185m 50 0 0 0   Molybdenum ppm ASTM D5185m 50 57 51 50   Magnesium ppm ASTM D5185m 0 2 <1	Titanium	ppm	ASTM D5185m		<1	<1	<1	
Lead ppm ASTM D5185m >30 13 5 1   Copper ppm ASTM D5185m >35 4 2 3   Tin ppm ASTM D5185m >4 <1 <1 <1   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 8 5 9   Barium ppm ASTM D5185m 50 8 5 9   Barium ppm ASTM D5185m 50 57 51 50   Molybdenum ppm ASTM D5185m 50 57 51 50   Magnesium ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 780 791 629	Silver	ppm	ASTM D5185m	>3	0	0	0	
Copper ppm ASTM D5185m >35 4 2 3   Tin ppm ASTM D5185m >4 <1	Aluminum	ppm	ASTM D5185m	>9	6	3	4	
Tin ppm ASTM D5185m >4 <1 <1 <1   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 8 5 9   Barium ppm ASTM D5185m 50 0 0 0   Molybdenum ppm ASTM D5185m 50 57 51 50   Manganese ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 760 1715 1605 1498   Phosphorus ppm ASTM D5185m 870 191 629 660   Zinc ppm ASTM D5185m 870 1059 918 933   Sulfur ppm ASTM D5185m 20 10 12 15 <td>Lead</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;30</td> <td>13</td> <td>5</td> <td>1</td>	Lead	ppm	ASTM D5185m	>30	13	5	1	
Tin ppm ASTM D5185m >4 <1 <1 <1   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 8 5 9   Barium ppm ASTM D5185m 50 0 0 0   Molybdenum ppm ASTM D5185m 50 57 51 50   Manganese ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current h	Copper	ppm	ASTM D5185m	>35	4	2	3	
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 8 5 9   Barium ppm ASTM D5185m 50 57 51 50   Molybdenum ppm ASTM D5185m 50 57 51 50   Manganese ppm ASTM D5185m 560 603 542 503   Magnesium ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 20 1059 918 933   Sulfur ppm ASTM D5185m >+100 10<	• •		ASTM D5185m	>4	<1	<1	<1	
Cadmium ppm ASTM D5185m 0 0 0   ADDITIVES method limit/base current history1 history2   Boron ppm ASTM D5185m 50 8 5 9   Barium ppm ASTM D5185m 50 0 0 0   Molybdenum ppm ASTM D5185m 50 57 51 50   Manganese ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 <t< td=""><td>Vanadium</td><td></td><td>ASTM D5185m</td><td></td><td>0</td><td>0</td><td>0</td></t<>	Vanadium		ASTM D5185m		0	0	0	
Boron ppm ASTM D5185m 50 8 5 9   Barium ppm ASTM D5185m 5 0 0 0   Molybdenum ppm ASTM D5185m 50 57 51 50   Manganese ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 870 1059 918 933   Sulfur ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current </td <td>Cadmium</td> <td></td> <td>ASTM D5185m</td> <td></td> <td>0</td> <td>0</td> <td></td>	Cadmium		ASTM D5185m		0	0		
Barium ppm ASTM D5185m 5 0 0 0   Molybdenum ppm ASTM D5185m 50 57 51 50   Manganese ppm ASTM D5185m 0 2 <1	ADDITIVES		method	limit/base	current	history1	history2	
Molybdenum ppm ASTM D5185m 50 57 51 50   Manganese ppm ASTM D5185m 0 2 <1 <1   Magnesium ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 1510 1715 1605 1498   Phosphorus ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 870 1059 918 933   Sulfur ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % *ASTM D7624 >20	Boron	ppm	ASTM D5185m	50	8	5	9	
Manganese ppm ASTM D5185m 0 2 <1 <1   Magnesium ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 1510 1715 1605 1498   Phosphorus ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 870 1059 918 933   Sulfur ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7624 <th< td=""><td>Barium</td><td>ppm</td><td>ASTM D5185m</td><td>5</td><td>0</td><td>0</td><td>0</td></th<>	Barium	ppm	ASTM D5185m	5	0	0	0	
Manganese ppm ASTM D5185m 0 2 <1 <1   Magnesium ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 1510 1715 1605 1498   Phosphorus ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 870 1059 918 933   Sulfur ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7624 <th< td=""><td>Molybdenum</td><td>ppm</td><td>ASTM D5185m</td><td>50</td><td>57</td><td>51</td><td>50</td></th<>	Molybdenum	ppm	ASTM D5185m	50	57	51	50	
Magnesium ppm ASTM D5185m 560 603 542 503   Calcium ppm ASTM D5185m 1510 1715 1605 1498   Phosphorus ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 870 1059 918 933   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7624 >20 12.7 12.5 10.4   Sulpha Astrony Principles *ASTM D7415 <th< td=""><td>Manganese</td><td></td><td>ASTM D5185m</td><td>0</td><td>2</td><td>&lt;1</td><td>&lt;1</td></th<>	Manganese		ASTM D5185m	0	2	<1	<1	
Phosphorus ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 870 1059 918 933   Sulfur ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION *ASTM D7414 >25 19.7 21.7 history1 history2   Oxidation Abs/.1mm *AST	Magnesium	ppm	ASTM D5185m	560	603	542	503	
Phosphorus ppm ASTM D5185m 780 791 629 660   Zinc ppm ASTM D5185m 870 1059 918 933   Sulfur ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION *ASTM D7414 >25 19.7 21.7 history1 history2   Oxidation Abs/.1mm *AST	Calcium		ASTM D5185m	1510	1715	1605	1498	
Zinc ppm ASTM D5185m 870 1059 918 933   Sulfur ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >20 11 5 5   Potassium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7624 >20 12.7 12.5 10.4   Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 <t< td=""><td>Phosphorus</td><td></td><td>ASTM D5185m</td><td>780</td><td>791</td><td>629</td><td>660</td></t<>	Phosphorus		ASTM D5185m	780	791	629	660	
Sulfur ppm ASTM D5185m 2040 2557 2707 2766   CONTAMINANTS method limit/base current history1 history2   Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m >>20 13 10 6   Potassium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7624 >20 12.7 12.5 10.4   Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.7 21.7 16.8			ASTM D5185m	870	1059	918	933	
Silicon ppm ASTM D5185m >+100 10 12 15   Sodium ppm ASTM D5185m 13 10 6   Potassium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7624 >20 12.7 12.5 10.4   Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.7 21.7 16.8	Sulfur	ppm	ASTM D5185m	2040	2557	2707	2766	
Sodium ppm ASTM D5185m 13 10 6   Potassium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7624 >20 12.7 12.5 10.4   Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.7 21.7 16.8	CONTAMINAN	ITS	method	limit/base	current	history1	history2	
Potassium ppm ASTM D5185m >20 11 5 5   INFRA-RED method limit/base current history1 history2   Soot % % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7624 >20 12.7 12.5 10.4   Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.7 21.7 16.8	Silicon	ppm	ASTM D5185m	>+100	10	12	15	
INFRA-RED	Sodium	ppm	ASTM D5185m		13	10	6	
Soot % % *ASTM D7844 0 0.1 0.1   Nitration Abs/cm *ASTM D7624 >20 12.7 12.5 10.4   Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.7 21.7 16.8	Potassium	ppm	ASTM D5185m	>20	11	5	5	
Nitration Abs/cm *ASTM D7624 >20 12.7 12.5 10.4   Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.7 21.7 16.8	INFRA-RED		method	limit/base	current	history1	history2	
Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.7 21.7 16.8	Soot %	%	*ASTM D7844		0	0.1	0.1	
Sulfation Abs/.1mm *ASTM D7415 >30 25.7 25.4 20.2   FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 19.7 21.7 16.8	Nitration	Abs/cm	*ASTM D7624	>20	12.7	12.5	10.4	
Oxidation Abs/.1mm *ASTM D7414 >25 <b>19.7</b> 21.7 16.8	Sulfation	Abs/.1mm	*ASTM D7415	>30	25.7	25.4	20.2	
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2	
	Oxidation	Abs/.1mm	*ASTM D7414	>25	19.7	21.7	16.8	
	Base Number (BN)	mg KOH/g	ASTM D2896	10.2	3.6	4.0	4.7	

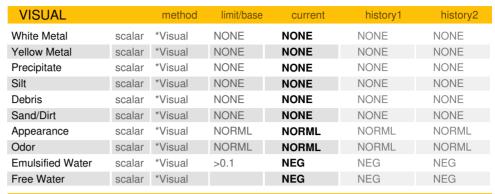


## **OIL ANALYSIS REPORT**



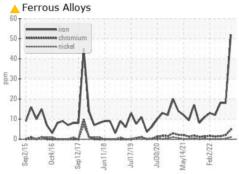
0 Base	 -			7 1 1 1 1 1
0 Base		$\Lambda$		
.0+		- 11	40	AA
0-			V )	MA

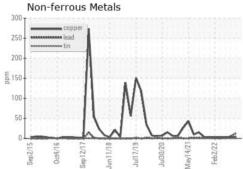


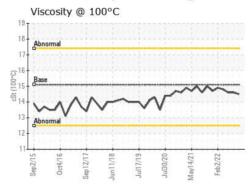


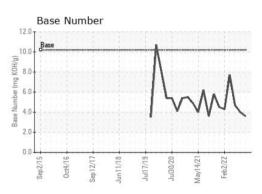
FLUID PROPE	ERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.1	14.5	14.6	14.6

### **GRAPHS**













Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** 

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0103215 : 06034384

: 10789613 Test Package : FLEET

Recieved Diagnosed Diagnostician

: 14 Dec 2023 : 18 Dec 2023 : Don Baldridge 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)

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