

### **PROBLEM SUMMARY**

# Sample Rating Trend

**VISCOSITY** 





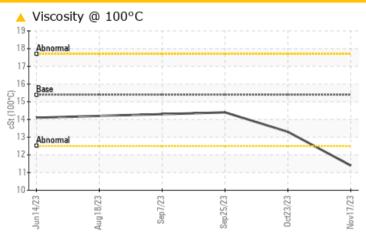
## {UNASSIGNED} 834023

Component **Diesel Engine** 

PETRO CANADA DURON SHP 15W40 (8 GAL)

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### **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				ATTENTION	NORMAL	NORMAL		
Visc @ 100°C	cSt	ASTM D445	15.4	<u> </u>	13.3	14.4		

Customer Id: GFL010 Sample No.: GFL0101204 Lab Number: 06011904 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 ihester@wearcheckusa.com

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

23 Oct 2023 Diag: Wes Davis

NORMAL



Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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.



25 Sep 2023 Diag: Wes Davis

NORMAL



Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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.



07 Sep 2023 Diag: Wes Davis

NORMAL



Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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.





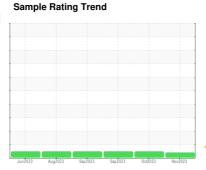
### **OIL ANALYSIS REPORT**



# {UNASSIGNED} 834023

Component **Diesel Engine** 

PETRO CANADA DURON SHP 15W40 (8 GAL)





### **DIAGNOSIS**

### Recommendation

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

All component wear rates are normal.

### Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

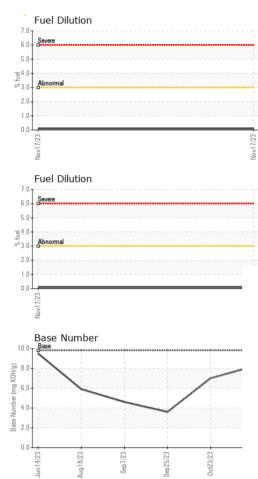
### ▲ Fluid Condition

The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Barium         ppm         ASTM D5185m         0         0         3         6           Molybdenum         ppm         ASTM D5185m         60         57         62         55           Manganese         ppm         ASTM D5185m         0         <1	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age         hrs         Client Info         900         740         615           Oil Age         hrs         Client Info         285         125         615           Oil Changed         Client Info         Not Changd         Not Changd         Not Changd         NoRMAL         NORMAL           Sample Status         Method         Imitivate         Current         history1         history2           Water         WC Method         >0.2         NEG         NEG         NEG           WEAR METALS         Wc Method         Imitivate         current         history1         history2           Iron         ppm         ASTM D5185m         >90         37         14         43           Ohromium         ppm         ASTM D5185m         >90         37         14         43           Chromium         ppm         ASTM D5185m         >20         1         <1         <1           Nickel         ppm         ASTM D5185m         >20         1         <1         <1         <1           Ukley         ppm         ASTM D5185m         >22         0         0         0         0           Alluminum         ppm         ASTM D5185m         >20	Sample Number		Client Info		GFL0101204	GFL0091429	GFL0094285
Machine Age         hrs         Client Info         900         740         615           Oil Age         hrs         Client Info         285         125         615           Oil Changed         Client Info         Not Changd         Not Changd         Not Changd         Normal         NORMAL         NORMAL           CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >90         37         14         43           Ohromium         ppm         ASTM D5185m         >20         1         <1	Sample Date		Client Info		17 Nov 2023	23 Oct 2023	25 Sep 2023
Client Info	Machine Age	hrs	Client Info		900	740	615
ATTENTION   NORMAL   NORMAL	Oil Age	hrs	Client Info		285	125	615
CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         >0.2         NEG         NEG         NEG           Glycol         WC Method         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >90         37         14         43           Chromium         ppm         ASTM D5185m         >20         1         <1	Oil Changed		Client Info		Not Changd	Not Changd	Changed
Water         WC Method         >0.2         NEG         NEG         NEG           Glycol         WC Method         Imit/base         current         history1         history2           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >90         37         14         43           Chromium         ppm         ASTM D5185m         >20         1         <1         <1           Nickel         ppm         ASTM D5185m         >2         0         <1         <1           Silver         ppm         ASTM D5185m         >2         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >20         4         2         4           Lead         ppm         ASTM D5185m         >40         <1         <1         1           Copper         ppm         ASTM D5185m         >15         <1         <1         1           Vanadium         ppm         ASTM D5185m         0         <1         <1         0	Sample Status				ATTENTION	NORMAL	NORMAL
WEAR METALS	CONTAMINAT	ION	method	limit/base	current	history1	history2
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >90         37         14         43           Chromium         ppm         ASTM D5185m         >20         1         <1	Water		WC Method	>0.2	NEG	NEG	NEG
Iron			WC Method			NEG	NEG
Chromium         ppm         ASTM D5185m         >20         1         <1         <1           Nickel         ppm         ASTM D5185m         >2         0         <1	WEAR METAL	S	method	limit/base	current	history1	history2
Chromium         ppm         ASTM D5185m         >20         1         <1         <1           Nickel         ppm         ASTM D5185m         >2         0         <1	Iron	maa	ASTM D5185m	>90	37	14	43
Nickel					-		
Titanium							
Silver					-		
Aluminum							
Lead		• • • • • • • • • • • • • • • • • • • •			-		
Copper         ppm         ASTM D5185m         >330         1         3         18           Tin         ppm         ASTM D5185m         >15         <1					-	_	
Tin							
Vanadium         ppm         ASTM D5185m         <1         0         0           Cadmium         ppm         ASTM D5185m         0         <1         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         9         6         3           Barium         ppm         ASTM D5185m         0         0         3         6           Molybdenum         ppm         ASTM D5185m         0         0         3         6           Molybdenum         ppm         ASTM D5185m         0         <1         2         12           Manganese         ppm         ASTM D5185m         0         <1         2         12           Magnesium         ppm         ASTM D5185m         1010         733         813         816           Calcium         ppm         ASTM D5185m         1070         967         1084         1233           Phosphorus         ppm         ASTM D5185m         1270         1029         1114         913           Sulfur         ppm         ASTM D5185m         2060         2429         3208 <t< td=""><td></td><td></td><td></td><td></td><th></th><td></td><td></td></t<>							
Cadmium         ppm         ASTM D5185m         0         <1         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         9         6         3           Barium         ppm         ASTM D5185m         0         0         3         6           Molybdenum         ppm         ASTM D5185m         60         57         62         55           Manganese         ppm         ASTM D5185m         0         <1				>10			
ADDITIVES							
Boron		ррпп			Ū		
Barium         ppm         ASTM D5185m         0         0         3         6           Molybdenum         ppm         ASTM D5185m         60         57         62         55           Manganese         ppm         ASTM D5185m         0         <1							
Molybdenum         ppm         ASTM D5185m         60         57         62         55           Manganese         ppm         ASTM D5185m         0         <1         2         12           Magnesium         ppm         ASTM D5185m         1010         733         813         816           Calcium         ppm         ASTM D5185m         1070         967         1084         1233           Phosphorus         ppm         ASTM D5185m         1150         846         958         671           Zinc         ppm         ASTM D5185m         1270         1029         1114         913           Sulfur         ppm         ASTM D5185m         2060         2429         3208         2319           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         57         3         5           Potassium         ppm         ASTM D5185m         57         3         2         2           Fuel         %         ASTM D3185m         20         0 </td <td></td> <td></td> <td></td> <td>^</td> <th>^</th> <td></td> <td>2</td>				^	^		2
Manganese         ppm         ASTM D5185m         0         <1         2         12           Magnesium         ppm         ASTM D5185m         1010         733         813         816           Calcium         ppm         ASTM D5185m         1070         967         1084         1233           Phosphorus         ppm         ASTM D5185m         1150         846         958         671           Zinc         ppm         ASTM D5185m         1270         1029         1114         913           Sulfur         ppm         ASTM D5185m         2060         2429         3208         2319           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D5185m         >30		• • •					
Magnesium         ppm         ASTM D5185m         1010         733         813         816           Calcium         ppm         ASTM D5185m         1070         967         1084         1233           Phosphorus         ppm         ASTM D5185m         1150         846         958         671           Zinc         ppm         ASTM D5185m         1270         1029         1114         913           Sulfur         ppm         ASTM D5185m         2060         2429         3208         2319           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D5824         >3.0         0.1         <1.0	Barium	• • •	ASTM D5185m	0	0	3	6
Calcium         ppm         ASTM D5185m         1070         967         1084         1233           Phosphorus         ppm         ASTM D5185m         1150         846         958         671           Zinc         ppm         ASTM D5185m         1270         1029         1114         913           Sulfur         ppm         ASTM D5185m         2060         2429         3208         2319           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D3524         >3.0         0.1         <1.0	Barium Molybdenum	ppm	ASTM D5185m ASTM D5185m	0	0 57	3 62	6 55
Phosphorus         ppm         ASTM D5185m         1150         846         958         671           Zinc         ppm         ASTM D5185m         1270         1029         1114         913           Sulfur         ppm         ASTM D5185m         2060         2429         3208         2319           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D3524         >3.0         0.1         <1.0	Barium Molybdenum Manganese	ppm	ASTM D5185m ASTM D5185m	0	0 57 <1	3 62 2	6 55 12
Zinc         ppm         ASTM D5185m         1270         1029         1114         913           Sulfur         ppm         ASTM D5185m         2060         2429         3208         2319           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         57         3         5           Potassium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D3524         >3.0         0.1         <1.0	Barium Molybdenum Manganese	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0	0 57 <1 733	3 62 2	6 55 12 816
Sulfur         ppm         ASTM D5185m         2060         2429         3208         2319           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         57         3         5           Potassium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D3524         >3.0         0.1         <1.0	Barium Molybdenum Manganese Magnesium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010	0 57 <1 733	3 62 2 813	6 55 12 816
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         57         3         5           Potassium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D3524         >3.0         0.1         <1.0	Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070	0 57 <1 733 967	3 62 2 813 1084	6 55 12 816 1233
Silicon         ppm         ASTM D5185m         >25         10         8         36           Sodium         ppm         ASTM D5185m         57         3         5           Potassium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D3524         >3.0         0.1         <1.0         <1.0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >6         0         0         0           Nitration         Abs/cm         *ASTM D7624         >20         4.8         6.8         12.4           Sulfation         Abs/.1mm         *ASTM D7415         >30         16.7         17.4         22.7           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         11.9         13.5         22.3	Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150	0 57 <1 733 967 846	3 62 2 813 1084 958	6 55 12 816 1233 671
Sodium         ppm         ASTM D5185m         57         3         5           Potassium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D3524         >3.0         0.1         <1.0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270	0 57 <1 733 967 846 1029	3 62 2 813 1084 958 1114	6 55 12 816 1233 671 913
Potassium         ppm         ASTM D5185m         >20         3         2         2           Fuel         %         ASTM D3524         >3.0         0.1         <1.0         <1.0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >6         0         0         0           Nitration         Abs/cm         *ASTM D7624         >20         4.8         6.8         12.4           Sulfation         Abs/.1mm         *ASTM D7415         >30         16.7         17.4         22.7           FLUID DEGRADATION method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         11.9         13.5         22.3	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060	0 57 <1 733 967 846 1029 2429	3 62 2 813 1084 958 1114 3208	6 55 12 816 1233 671 913 2319
Fuel         %         ASTM D3524         >3.0         0.1         <1.0         <1.0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >6         0         0         0           Nitration         Abs/cm         *ASTM D7624         >20         4.8         6.8         12.4           Sulfation         Abs/.1mm         *ASTM D7415         >30         16.7         17.4         22.7           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         11.9         13.5         22.3	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060	0 57 <1 733 967 846 1029 2429	3 62 2 813 1084 958 1114 3208 history1	6 55 12 816 1233 671 913 2319
INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >6         0         0         0           Nitration         Abs/cm         *ASTM D7624         >20         4.8         6.8         12.4           Sulfation         Abs/.1mm         *ASTM D7415         >30         16.7         17.4         22.7           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         11.9         13.5         22.3	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	0 60 0 1010 1070 1150 1270 2060	0 57 <1 733 967 846 1029 2429 current	3 62 2 813 1084 958 1114 3208 history1	6 55 12 816 1233 671 913 2319 history2
Soot %         %         *ASTM D7844 > 6         0         0         0           Nitration         Abs/cm         *ASTM D7624 > 20         4.8         6.8         12.4           Sulfation         Abs/.1mm         *ASTM D7415 > 30         16.7         17.4         22.7           FLUID DEGRADATION method limit/base current history1 history2           Oxidation         Abs/.1mm         *ASTM D7414 > 25         11.9         13.5         22.3	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm	ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 limit/base >25	0 57 <1 733 967 846 1029 2429 current 10 57	3 62 2 813 1084 958 1114 3208 history1 8	6 55 12 816 1233 671 913 2319 history2 36 5
Nitration         Abs/cm         *ASTM D7624         >20         4.8         6.8         12.4           Sulfation         Abs/.1mm         *ASTM D7415         >30         16.7         17.4         22.7           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         11.9         13.5         22.3	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm	ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 limit/base >25	0 57 <1 733 967 846 1029 2429 current 10 57	3 62 2 813 1084 958 1114 3208 history1 8 3	6 55 12 816 1233 671 913 2319 history2 36 5
Sulfation         Abs/.1mm         *ASTM D7415         >30         16.7         17.4         22.7           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         11.9         13.5         22.3	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel	ppm	ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 limit/base >25 >20 >3.0	0 57 <1 733 967 846 1029 2429 current 10 57 3	3 62 2 813 1084 958 1114 3208 history1 8 3 2 <1.0	6 55 12 816 1233 671 913 2319 history2 36 5 2 <1.0
Sulfation         Abs/.1mm         *ASTM D7415         >30         16.7         17.4         22.7           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         11.9         13.5         22.3	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED	ppm	ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 limit/base >25 >20 >3.0	0 57 <1 733 967 846 1029 2429 current 10 57 3 0.1	3 62 2 813 1084 958 1114 3208 history1 8 3 2 <1.0	6 55 12 816 1233 671 913 2319 history2 36 5 2 <1.0 history2
Oxidation Abs/.1mm *ASTM D7414 >25 <b>11.9</b> 13.5 22.3	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot %	ppm	ASTM D5185m ASTM D7844	0 60 0 1010 1070 1150 1270 2060 limit/base >25 >20 >3.0 limit/base	0 57 <1 733 967 846 1029 2429  current 10 57 3 0.1  current 0	3 62 2 813 1084 958 1114 3208 history1 8 3 2 <1.0	6 55 12 816 1233 671 913 2319 history2 36 5 2 <1.0 history2 0
	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration	ppm	ASTM D5185m ASTM D7824	0 60 0 1010 1070 1150 1270 2060 limit/base >25 >20 >3.0 limit/base >6 >20	0 57 <1 733 967 846 1029 2429  current 10 57 3 0.1  current 0 4.8	3 62 2 813 1084 958 1114 3208 history1 8 3 2 <1.0 history1 0 6.8	6 55 12 816 1233 671 913 2319 history2 36 5 2 <1.0 history2 0 12.4
	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation	ppm	ASTM D5185m ASTM D76185m ASTM D7624 *ASTM D7624 *ASTM D7614	0 60 0 1010 1070 1150 1270 2060 limit/base >25 >20 >3.0 limit/base >6 >20 >30	0 57 <1 733 967 846 1029 2429  current 10 57 3 0.1  current 0 4.8 16.7	3 62 2 813 1084 958 1114 3208 history1 8 3 2 <1.0 history1 0 6.8 17.4	6 55 12 816 1233 671 913 2319 history2 36 5 2 <1.0 history2 0 12.4 22.7
	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation FLUID DEGRAE	ppm	ASTM D5185m  Method  ASTM D5185m ASTM D7624 *ASTM D7624 *ASTM D7615  method	0 60 0 1010 1070 1150 1270 2060  limit/base >25  >20 >3.0  limit/base >6 >20 >30  limit/base	0 57 <1 733 967 846 1029 2429  current 10 57 3 0.1  current 0 4.8 16.7  current	3 62 2 813 1084 958 1114 3208 history1 8 3 2 <1.0 history1 0 6.8 17.4 history1	6 55 12 816 1233 671 913 2319 history2 36 5 2 <1.0 history2 0 12.4 22.7 history2



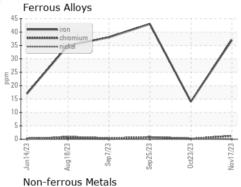
### **OIL ANALYSIS REPORT**

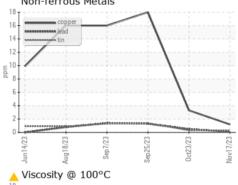


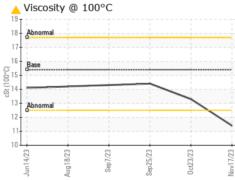
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
<b>Emulsified Water</b>	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

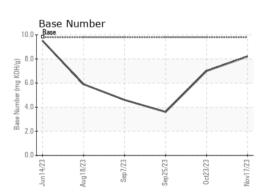
FLUID PROPE	RHES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	<u> </u>	13.3	14.4

### **GRAPHS**













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

: GFL0101204 : 06011904 : 10751048

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

: 20 Nov 2023 : 29 Nov 2023 Diagnostician : Jonathan Hester

**Test Package**: FLEET (Additional Tests: FuelDilution, PercentFuel) 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)

GFL Environmental - 010 - Stockbridge

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Contact: JOSHUA TINKER joshuatinker@gflenv.com

T:

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