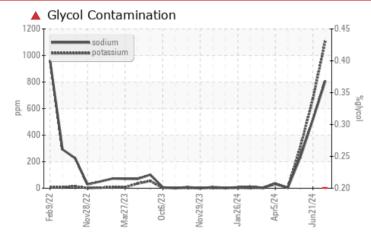




# Machine Id **721031-362017**

Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (8 GAL)

### COMPONENT CONDITION SUMMARY



**PROBLEM SUMMARY** 

### RECOMMENDATION

We advise that you check for the source of the coolant leak. 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	ABNORMAL	
Potassium	ppm	ASTM D5185m	>20	🔺 1110	<b>6</b> 72	<b>A</b> 309	
Glycol	%	*ASTM D2982		<b>0.20</b>	NEG	NEG	

Customer Id: GFL829 Sample No.: GFL0112244 Lab Number: 06229903 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



RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Resample			?	We recommend an early resample to monitor this condition.			
Check Glycol Access			?	We advise that you check for the source of the coolant leak.			

### HISTORICAL DIAGNOSIS



### 21 Jun 2024 Diag: Jonathan Hester

We advise that you check for the source of the coolant leak. Check for low coolant level. We recommend an early resample to monitor this condition.All component wear rates are normal. Sodium and/or potassium levels are high. The BN result indicates that there is suitable alkalinity remaining in the oil.



### 17 May 2024 Diag: Jonathan Hester



We advise that you check for the source of the coolant leak. Check for low coolant level. We recommend an early resample to monitor this condition.All component wear rates are normal. Sodium and/or potassium levels are high. The BN result indicates that there is suitable alkalinity remaining in the oil.



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.







### 26 Apr 2024 Diag: Wes Davis



### **OIL ANALYSIS REPORT**

Sample Rating Trend

# Machine Id 721031-362017

Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (8 GAL)

### DIAGNOSIS

### Recommendation

We advise that you check for the source of the coolant leak. 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

Test for glycol is positive. There is a high concentration of glycol present in the oil.

#### Fluid Condition

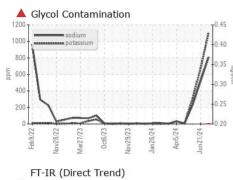
The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

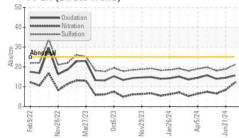
Sample Date         Client Info         03 Jul 2024         21 Jun 2024         17 May 2024           Machine Age         hrs         Client Info         10839         10599         10444           Oil Age         hrs         Client Info         600         150         150           Oil Changed         Client Info         Changed         Not Changd         ABNORMAL         ABNORMAL           CONTAMINATION         method         Imit/base         current         history1         history2           Fuel         WC Method         >5         <1.0         <1.0         <1.0           Water         WC Method         >0.2         NEG         NEG         NeG           Nickel         ppm         ASTM 05185m         >100         19         10         6           Chromium         ppm         ASTM 05185m         >20         2         <1         <1         0           Nickel         ppm         ASTM 05185m         >20         6         4         2         2           Kimum         ppm         ASTM 05185m         >20         6         4         2         2           Nickel         ppm         ASTM 05185m         >20         6         4 <th>AL)</th> <th></th> <th>ab2022 Nov2</th> <th>022 Mar2023 Oct2023</th> <th>Nov2023 Jan2024 Apr2024</th> <th>Jun2024</th> <th></th>	AL)		ab2022 Nov2	022 Mar2023 Oct2023	Nov2023 Jan2024 Apr2024	Jun2024	
Sample Date         Client Info         03 Jul 2024         21 Jun 2024         17 May 2024           Machine Age         hrs         Client Info         10839         10599         10444           Oil Age         hrs         Client Info         600         150         150           Oil Changed         Client Info         Changed         Not Changd         ABNORMAL         ABNORMAL           CONTAMINATION         method         Imit/base         current         history1         history2           Fuel         WC Method         >5         <1.0         <1.0         <1.0           Water         WC Method         >5         <1.0         <1.0         <1.0           Wear         WC Method         >5         <1.0         <1.0         <1.0           Krimonim         ppm         ASTM 05185m         >20         2         <1         <1         0           Nickel         ppm         ASTM 05185m         >20         6         4         2         2         <1         <1         0           Aluminum         ppm         ASTM 05185m         >20         6         4         2         2         0           Aluminum         ppm         ASTM 05185m	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Machine Age         hrs         Client Info         10839         10599         10444           Dil Age         hrs         Client Info         600         150         150           Dil Ghanged         Client Info         600         150         150         150           Dil Ghanged         Client Info         600         Not Changd         Not Changd         Not Changd           SEVEFEE         ABNORMAL         SEVERE         ABNORMAL         ABNORMAL           Viator         WC Method         >5         <1.0	Sample Number		Client Info		GFL0112244	GFL0112252	GFL0112262
Machine Age         hrs         Client Info         10839         10599         10444           Di Aga         hrs         Client Info         600         150         150           Di Changed         Client Info         600         150         150         150           Sample Status         Info         EVERE         ABNORMAL         ABNORMAL         ABNORMAL           CONTAMINATION         Wethed         >5         <1.0	Sample Date		Client Info		03 Jul 2024	21 Jun 2024	17 May 2024
Dil Changed Sample Status         Client Info         Changed SEVERE         Not Changed ABNORMAL         Not Changed ABNORMAL         Not Changed ABNORMAL         Not Changed ABNORMAL           CONTAMINATION         method         imil/base         current         history1         history2           Fuel         WC Method         >5         <1.0         <1.0         <1.0           Water         WC Method         >0.2         NEG         NEG         NEG           Othomium         ppm         ASTM D5185m         >200         2         <1         <1           Othomium         ppm         ASTM D5185m         >200         2         <1         <1         0           Othomium         ppm         ASTM D5185m         >200         2         <1         <1         0           Othomium         ppm         ASTM D5185m         >200         6         4         2           ead         ppm         ASTM D5185m         >20         6         4         2           Copper         ppm         ASTM D5185m         >40         <1         <1         <1           Cadmium         ppm         ASTM D5185m         0         <1         <1         <1         <1 <tr< td=""><td>-</td><td>hrs</td><td>Client Info</td><td></td><td>10839</td><td>10599</td><td>10444</td></tr<>	-	hrs	Client Info		10839	10599	10444
Sample Status         SEVERE         ABNORMAL         ABNORMAL           CONTAMINATION         method         imit/base         current         history1         history2           Fuel         WC Method         >5         <1.0	Oil Age	hrs	Client Info		600	150	150
Sample Status         SEVERE         ABNORMAL         ABNORMAL           CONTAMINATION         method         imil/base         current         history1         history2           Fuel         WC Method         >5         <1.0	Oil Changed		Client Info		Changed	Not Changd	Not Changd
Fuel         WC Method         >5         <1.0         <1.0         <1.0           Water         WC Method         >0.2         NEG         NEG         NEG           Wear         WC Method         >0.2         NEG         NEG         NEG           Wear         ppm         ASTM D5185m         >100         19         10         6           Chromium         ppm         ASTM D5185m         >20         2         <1	-				SEVERE	ABNORMAL	ABNORMAL
Water         WC Method         >0.2         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >100         19         10         6           Chromium         ppm         ASTM D5185m         >20         2         <1	CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history2
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >100         19         10         6           Chromium         ppm         ASTM D5185m         >20         2         <1	Fuel		WC Method	>5	<1.0	<1.0	<1.0
Iron         ppm         ASTM D5185m         >100         19         10         6           Chromium         ppm         ASTM D5185m         >20         2         <1	Water		WC Method	>0.2	NEG	NEG	NEG
Dromium         ppm         ASTM D5185m         >20         2         <1         <1           Nickel         ppm         ASTM D5185m         >4         <1	WEAR METAL	_S	method	limit/base	current	history1	history2
Nickel         ppm         ASTM D5185m         >4         <1         <1         <1         0           Titanium         ppm         ASTM D5185m         >3         <1	Iron	ppm	ASTM D5185m	>100	19	10	6
Titanium         ppm         ASTM D5185m         1         <1         <1         0           Silver         ppm         ASTM D5185m         >3         <1	Chromium	ppm	ASTM D5185m	>20	2	<1	<1
Titanium         ppm         ASTM D5185m         1         <1         <1         0           Silver         ppm         ASTM D5185m         >3         <1	Nickel		ASTM D5185m	>4	<1	<1	0
Silver         ppm         ASTM D5185m         >3         <1         <1         0           Aluminum         ppm         ASTM D5185m         >20         6         4         2           Lead         ppm         ASTM D5185m         >40         <1         <1         0           Copper         ppm         ASTM D5185m         >40         <1         <1         0           Vanadium         ppm         ASTM D5185m         >15         <1         <1         <1         <1         <1         0           Cadmium         ppm         ASTM D5185m         <1         <1         <1         <1         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         4         <1         4           Barium         ppm         ASTM D5185m         0         1         <1<         <1         <1           Magnesium         ppm         ASTM D5185m         0         1         <1<         <1<         <1<           Magnesium         ppm         ASTM D5185m         100         923         987         884      Calciu	Titanium	ppm	ASTM D5185m		1	<1	0
Aluminum         ppm         ASTM D5185m         >20         6         4         2           Lead         ppm         ASTM D5185m         >40         <1	Silver	ppm	ASTM D5185m	>3	<1	<1	0
Lead         ppm         ASTM D5185m         >40         <1         <1         0           Copper         ppm         ASTM D5185m         >330         2         1         2           Tin         ppm         ASTM D5185m         >15         <1	Aluminum		ASTM D5185m	>20	6	4	2
Copper         ppm         ASTM D5185m         >330         2         1         2           Tin         ppm         ASTM D5185m         >15         <1	Lead		ASTM D5185m	>40	<1	<1	0
Tin         ppm         ASTM D5185m         >15         <1         <1         <1           Vanadium         ppm         ASTM D5185m         <1	Copper		ASTM D5185m	>330	2	1	2
Vanadium         ppm         ASTM D5185m         <1         <1         0           Cadmium         ppm         ASTM D5185m         <1					<1	<1	<1
Cadmium         ppm         ASTM D5185m         <1         <1         <1         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         4         <1         4           Barium         ppm         ASTM D5185m         0         0         2         0           Magnanese         ppm         ASTM D5185m         60         253         172         104           Magnanese         ppm         ASTM D5185m         0         1         <1         <1         <1           Magnanese         ppm         ASTM D5185m         1010         923         987         884           Calcium         ppm         ASTM D5185m         1010         923         987         884           Calcium         ppm         ASTM D5185m         1070         1024         1110         985           Phosphorus         ppm         ASTM D5185m         1270         1253         1337         1192           Sulfur         ppm         ASTM D5185m         >225         10         7         5           Sodium         ppm         ASTM D5185m	Vanadium				<1		
Boron         ppm         ASTM D5185m         0         4         <1         4           Barium         ppm         ASTM D5185m         0         0         2         0           Molybdenum         ppm         ASTM D5185m         60         253         172         104           Manganese         ppm         ASTM D5185m         0         1         <1	Cadmium		ASTM D5185m		<1	<1	0
Barium         ppm         ASTM D5185m         0         0         2         0           Molybdenum         ppm         ASTM D5185m         60         253         172         104           Manganese         ppm         ASTM D5185m         0         1         <1         <1           Magnesium         ppm         ASTM D5185m         1010         923         987         884           Calcium         ppm         ASTM D5185m         1010         923         987         884           Calcium         ppm         ASTM D5185m         1070         1024         1110         985           Phosphorus         ppm         ASTM D5185m         1070         1253         1337         1192           Sulfur         ppm         ASTM D5185m         1270         1253         3504         3428           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >20         1110         672         309           Glycol         %         *ASTM D5185m	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         60         253         172         104           Manganese         ppm         ASTM D5185m         0         1         <1	Boron	ppm	ASTM D5185m	0	4	<1	4
ASTM D5185m         O         1         <1         <1           Magnesium         ppm         ASTM D5185m         1010         923         987         884           Calcium         ppm         ASTM D5185m         1070         1024         1110         985           Phosphorus         ppm         ASTM D5185m         1070         1024         1110         985           Phosphorus         ppm         ASTM D5185m         1070         1024         1110         985           Phosphorus         ppm         ASTM D5185m         1270         1253         1337         1192           Sulfur         ppm         ASTM D5185m         2060         2855         3504         3428           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >20         1110         672         309           Glycol         %         *ASTM D5185m         >20         1110         672         309           INFRA-RED         method         limit/base         current	Barium	ppm	ASTM D5185m	0	0	2	0
Magnesium         ppm         ASTM D5185m         1010         923         987         884           Calcium         ppm         ASTM D5185m         1070         1024         1110         985           Phosphorus         ppm         ASTM D5185m         1150         9999         1184         1033           Zinc         ppm         ASTM D5185m         1270         1253         1337         1192           Sulfur         ppm         ASTM D5185m         2060         2855         3504         3428           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >20         1110         672         309           Potassium         ppm         ASTM D5185m         >20         1110         672         309           Glycol         %         *ASTM D2982         0.20         NEG         NEG           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3<	Molybdenum	ppm	ASTM D5185m	60	253	172	104
Calcium         ppm         ASTM D5185m         1070         1024         1110         985           Phosphorus         ppm         ASTM D5185m         1150         999         1184         1033           Zinc         ppm         ASTM D5185m         1270         1253         1337         1192           Sulfur         ppm         ASTM D5185m         2060         2855         3504         3428           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >20         1110         672         309           Potassium         ppm         ASTM D5185m         >20         1110         672         309           Glycol         %         *ASTM D585         >20         1110         672         309           Sligool         %         *ASTM D7844         >3         0.4         0.3         0.2           Soot %         %         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.Imm         *ASTM D74	Manganese	ppm	ASTM D5185m	0	1	<1	<1
Phosphorus         ppm         ASTM D5185m         1150         999         1184         1033           Zinc         ppm         ASTM D5185m         1270         1253         1337         1192           Sulfur         ppm         ASTM D5185m         2060         2855         3504         3428           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >20         1110         672         309           Potassium         ppm         ASTM D5185m         >20         1110         672         309           Glycol         %         *ASTM D7844         >3         0.4         0.3         0.2           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Sulfation         Abs/(mm         ASTM D7624	Magnesium	ppm	ASTM D5185m	1010	923	987	884
Zinc         ppm         ASTM D5185m         1270         1253         1337         1192           Sulfur         ppm         ASTM D5185m         2060         2855         3504         3428           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >20         1110         672         309           Potassium         ppm         ASTM D2982          0.20         NEG         NEG           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit	Calcium	ppm	ASTM D5185m	1070	1024	1110	985
Zinc         ppm         ASTM D5185m         1270         1253         1337         1192           Sulfur         ppm         ASTM D5185m         2060         2855         3504         3428           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         >20         1110         672         309           Potassium         ppm         ASTM D5185m         >20         1110         672         309           Glycol         %         *ASTM D5185m         >20         1110         672         309           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7415	Phosphorus	ppm	ASTM D5185m	1150	999	1184	1033
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>251075SodiumppmASTM D5185m>201110672309PotassiumppmASTM D5185m>201110672309Glycol%*ASTM D2982 <a>0.20NEGNEGINFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844&gt;30.40.30.2NitrationAbs/cm*ASTM D7624&gt;2012.18.46.6SulfationAbs/.1mm*ASTM D7415&gt;3021.218.918.1FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.1mm*ASTM D7414&gt;2515.614.514.0</a>	Zinc	ppm	ASTM D5185m	1270	1253	1337	1192
Silicon         ppm         ASTM D5185m         >25         10         7         5           Sodium         ppm         ASTM D5185m         809         517         233           Potassium         ppm         ASTM D5185m         >20         1110         672         309           Glycol         %         *ASTM D2982 <b>0.20</b> NEG         NEG           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	Sulfur	ppm	ASTM D5185m	2060	2855	3504	3428
Sodium         ppm         ASTM D5185m         809         517         233           Potassium         ppm         ASTM D5185m         >20         1110         672         309           Glycol         %         *ASTM D5185m         >20         1110         672         309           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7615         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	CONTAMINAN	NTS	method	limit/base	current	history1	history2
Potassium         ppm         ASTM D5185m         >20         ▲ 1110         ▲ 672         ▲ 309           Glycol         %         *ASTM D2982         ▲ 0.20         NEG         NEG           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	Silicon	ppm	ASTM D5185m	>25	10	7	5
Glycol         %         *ASTM D2982         0.20         NEG         NEG           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	Sodium	ppm	ASTM D5185m		<mark> </mark> 809	<b>5</b> 17	<b>A</b> 233
INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	Potassium	ppm	ASTM D5185m	>20	<u> </u>	<b>6</b> 72	<u> </u>
Soot %         %         *ASTM D7844         >3         0.4         0.3         0.2           Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	Glycol	%	*ASTM D2982		<b>a</b> 0.20	NEG	NEG
Nitration         Abs/cm         *ASTM D7624         >20         12.1         8.4         6.6           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	INFRA-RED		method	limit/base	current	history1	history2
Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         18.9         18.1           FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	Soot %	%	*ASTM D7844	>3	0.4	0.3	0.2
FLUID DEGRADATION         method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         15.6         14.5         14.0	Nitration	Abs/cm	*ASTM D7624	>20	12.1	8.4	6.6
Oxidation Abs/.1mm *ASTM D7414 >25 <b>15.6</b> 14.5 14.0	Sulfation	Abs/.1mm	*ASTM D7415	>30	21.2	18.9	18.1
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Base Number (BN) mg KOH/g ASTM D2896 9.8 10.5 10.1 9.3	Oxidation	Abs/.1mm	*ASTM D7414	>25	15.6	14.5	14.0
	Base Number (BN)	mg KOH/g	ASTM D2896	9.8	10.5	10.1	9.3

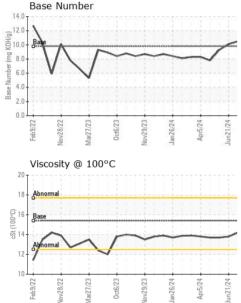
GLYCOL



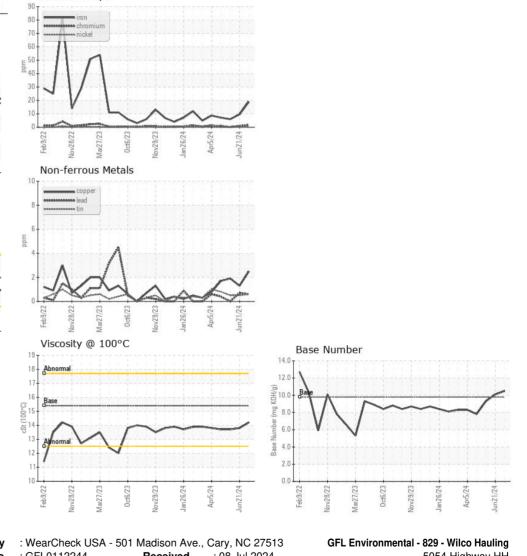
## **OIL ANALYSIS REPORT**







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
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	14.2	13.8	13.7
GRAPHS						
Ferrous Alloys						



Laboratory Sample No. : GFL0112244 Received : 08 Jul 2024 5054 Highway HH Lab Number : 06229903 Tested : 09 Jul 2024 Hartville, MO Unique Number : 11113396 Diagnosed : 09 Jul 2024 - Wes Davis US 65667 Test Package : FLEET ( Additional Tests: Glycol ) Contact: James Jones Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. james.jones@gflenv.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (417)349-5006 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) E:

Report Id: GFL829 [WUSCAR] 06229903 (Generated: 07/09/2024 14:29:21) Rev: 1

Submitted By: Jerry Hazel