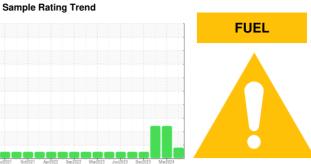


OIL ANALYSIS REPORT





Machine Id 729071-30 Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- LTR)

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

Light fuel dilution occurring. No other contaminants were detected in the oil.

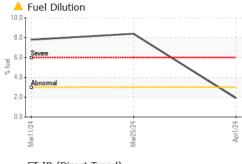
Fluid Condition

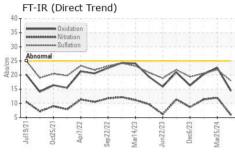
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

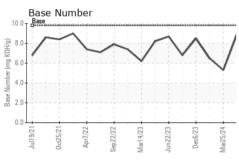
Sample Number Client Info GFL0070949 GFL0058059 GFL0070986 Sample Date Client Info D1 Apr 2024 25 Mar 2024 11 Mar 2024 Machine Age hrs Client Info D3 Mar 2024 11 Mar 2024 16 Mar	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Date	Sample Number		Client Info		GEI 0070949		
Machine Age hrs Client Info 11862 11796 11691 Oil Age hrs Client Info 30 600 466 Oil Changed Client Info Not Changed Not Changed Not Changed Sample Status Image: Control of Marginal Severe Severe CONTAMINATION method Imitibase current history1 history2 Water WC Method >0.2 NEG NEG NEG NEG Glycol WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05185m >90 6 29 23 Chromium ppm ASTM 05185m >20 <1							
Oil Age hrs Client Info 30 600 466 Oil Changed Client Info Not Changed Not Change	•	hre			-		
Dil Changed Client Info MARGINAL SEVERE SEVERE	•						
MARGINAL SEVERE SEVERE SEVERE CONTAMINATION method limit/base current history1 history2 history2 Marter WC Method NEG N	-	1113					
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 6 29 23 Chromium ppm ASTM D5185m >20 <1	-		Client inio				Ŭ
Water WC Method >0.2 NEG NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >90 6 29 23 Chromium ppm ASTM D5185m >20 <1 1 <1 Nickel ppm ASTM D5185m >20 <1 1 <1 Silver ppm ASTM D5185m >2 0 <1 0 Silver ppm ASTM D5185m >2 0 0 0 Silver ppm ASTM D5185m >20 3 13 12 Lead ppm ASTM D5185m >40 0 0 0 0 Copper ppm ASTM D5185m >330 0 1 1 1 Tin ppm ASTM D5185m >15 <1 2 0 Vanadium ppm ASTM D5185m 0							
WEAR METALS	CONTAMINAT	ION	method	limit/base	current	history1	history2
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >90 6 29 23 Chromium ppm ASTM D5185m >20 <1	Water			>0.2			
Chromium	Glycol		WC Method		NEG	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
Nickel	ron	ppm	ASTM D5185m	>90	6	29	23
Description	Chromium	ppm	ASTM D5185m	>20	<1	1	<1
Silver	Nickel	ppm	ASTM D5185m	>2	0	<1	0
Silver	Titanium	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	Silver				0	0	0
Lead ppm ASTM D5185m >40 0 0 0 Copper ppm ASTM D5185m >330 0 1 1 Tin ppm ASTM D5185m >15 <1 2 0 Vanadium ppm ASTM D5185m <1 <1 <1 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 1 <1 2 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 <1 0 Magnesium ppm ASTM D5185m 0 0 <1 0 Phosphorus ppm ASTM D5185m 1070 1113 973 958 Phosphorus ppm ASTM D5185m 1270 1350 112	Aluminum	ppm	ASTM D5185m	>20	3	13	12
Copper ppm ASTM D5185m >330 0 1 1 Tin ppm ASTM D5185m >15 <1	Lead		ASTM D5185m	>40	0	0	0
Trin	Copper		ASTM D5185m	>330	0	1	1
Vanadium ppm ASTM D5185m <1 <1 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 1 <1 2 Barium ppm ASTM D5185m 0 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 <1 0 0 Manganese ppm ASTM D5185m 0 0 <1 0 0 Magnesium ppm ASTM D5185m 1070 1113 973 958 Phosphorus ppm ASTM D5185m 1070 1113 973 958 Phosphorus ppm ASTM D5185m 1270 1350 1122 1081 Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base					<1	2	0
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 1 <1	Vanadium		ASTM D5185m		<1	<1	0
Boron	Cadmium					0	0
Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 60 59 54 51 Manganese ppm ASTM D5185m 0 0 <1 0 Magnesium ppm ASTM D5185m 1010 1025 881 855 Calcium ppm ASTM D5185m 1070 1113 973 958 Phosphorus ppm ASTM D5185m 1150 1103 896 917 Zinc ppm ASTM D5185m 1270 1350 1122 1081 Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 2 5 5 Sodium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D5185m	ADDITIVES		method	limit/base	current	history1	history2
Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 60 59 54 51 Manganese ppm ASTM D5185m 0 0 <1	Boron	ppm	ASTM D5185m	0	1	<1	2
Manganese ppm ASTM D5185m 0 0 <1 0 Magnesium ppm ASTM D5185m 1010 1025 881 855 Calcium ppm ASTM D5185m 1070 1113 973 958 Phosphorus ppm ASTM D5185m 1150 1103 896 917 Zinc ppm ASTM D5185m 1270 1350 1122 1081 Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 22 5 5 Sodium ppm ASTM D5185m 20 5 26 22 Fuel % ASTM D5185m >20 5 26 22 Fuel % ASTM D5185m >20 5 26 22 Fuel % ASTM D7844 >6 0.1	Barium	ppm	ASTM D5185m	0	0	0	0
Magnesium ppm ASTM D5185m 1010 1025 881 855 Calcium ppm ASTM D5185m 1070 1113 973 958 Phosphorus ppm ASTM D5185m 1150 1103 896 917 Zinc ppm ASTM D5185m 1270 1350 1122 1081 Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 2 5 5 Sodium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D5185m >20 5 26 22 Fuel % ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 1.9 8.4 ^ 7.8 INFRA-RED method l	Molybdenum	ppm	ASTM D5185m	60	59	54	51
Calcium ppm ASTM D5185m 1070 1113 973 958 Phosphorus ppm ASTM D5185m 1150 1103 896 917 Zinc ppm ASTM D5185m 1270 1350 1122 1081 Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 2 5 5 Sodium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D5185m >20 5 26 22 Fuel % ASTM D5185m >20 5 8 6 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415							^
Calcium ppm ASTM D5185m 1070 1113 973 958 Phosphorus ppm ASTM D5185m 1150 1103 896 917 Zinc ppm ASTM D5185m 1270 1350 1122 1081 Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 2 5 5 Sodium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 1.9 8.4 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7414	Manganese		ASTM D5185m	0	0	<1	0
Zinc ppm ASTM D5185m 1270 1350 1122 1081 Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 2 5 5 Sodium ppm ASTM D5185m 2 8 6 Potassium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 ▲ 1.9 ▲ 8.4 ▲ 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base <td>· ·</td> <td>ppm</td> <td></td> <td></td> <td>-</td> <td></td> <td></td>	· ·	ppm			-		
Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 2 5 5 Sodium ppm ASTM D5185m 2 8 6 Potassium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 ▲ 1.9 ▲ 8.4 ▲ 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414	Magnesium	ppm	ASTM D5185m	1010	1025	881	855
Sulfur ppm ASTM D5185m 2060 4093 3259 3014 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 2 5 5 Sodium ppm ASTM D5185m 2 8 6 Potassium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 1.9 8.4 1.9 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 </td <td>Magnesium Calcium</td> <td>ppm ppm</td> <td>ASTM D5185m ASTM D5185m</td> <td>1010 1070</td> <td>1025 1113</td> <td>881 973</td> <td>855 958</td>	Magnesium Calcium	ppm ppm	ASTM D5185m ASTM D5185m	1010 1070	1025 1113	881 973	855 958
Silicon ppm ASTM D5185m >25 2 5 5 Sodium ppm ASTM D5185m 2 8 6 Potassium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 1.9 8.4 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	1010 1070 1150	1025 1113 1103	881 973 896	855 958 917
Sodium ppm ASTM D5185m 2 8 6 Potassium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 ▲ 1.9 ▲ 8.4 ▲ 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1010 1070 1150 1270	1025 1113 1103 1350	881 973 896 1122	855 958 917 1081
Sodium ppm ASTM D5185m 2 8 6 Potassium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 ▲ 1.9 ▲ 8.4 ▲ 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1010 1070 1150 1270 2060	1025 1113 1103 1350 4093	881 973 896 1122 3259	855 958 917 1081 3014
Potassium ppm ASTM D5185m >20 5 26 22 Fuel % ASTM D3524 >3.0 ▲ 1.9 ▲ 8.4 ▲ 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method	1010 1070 1150 1270 2060 limit/base	1025 1113 1103 1350 4093	881 973 896 1122 3259 history1	855 958 917 1081 3014 history2
Fuel % ASTM D3524 >3.0 ▲ 1.9 ▲ 8.4 ▲ 7.8 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m	1010 1070 1150 1270 2060 limit/base	1025 1113 1103 1350 4093 current	881 973 896 1122 3259 history1	855 958 917 1081 3014 history2
Soot % % *ASTM D7844 >6 0.1 0.6 0.5 Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	1010 1070 1150 1270 2060 limit/base >25	1025 1113 1103 1350 4093 current 2	881 973 896 1122 3259 history1 5	855 958 917 1081 3014 history2 5
Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7615 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1010 1070 1150 1270 2060 limit/base >25 >20	1025 1113 1103 1350 4093 current 2 2 2	881 973 896 1122 3259 history1 5 8 26	855 958 917 1081 3014 history2 5 6 22
Nitration Abs/cm *ASTM D7624 >20 5.9 12.0 11.4 Sulfation Abs/.1mm *ASTM D7615 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m	1010 1070 1150 1270 2060 limit/base >25 >20 >3.0	1025 1113 1103 1350 4093	881 973 896 1122 3259 history1 5 8 26 ▲ 8.4	855 958 917 1081 3014 history2 5 6 22 ▲ 7.8
Sulfation Abs/.1mm *ASTM D7415 >30 18.0 21.9 20.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 14.4 22.6 20.3	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D3524	1010 1070 1150 1270 2060 limit/base >25 >20 >3.0	1025 1113 1103 1350 4093	881 973 896 1122 3259 history1 5 8 26 ▲ 8.4 history1	855 958 917 1081 3014 history2 5 6 22 ▲ 7.8 history2
Oxidation	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot %	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D3524 Method *ASTM D7844	1010 1070 1150 1270 2060 limit/base >25 >20 >3.0 limit/base >6	1025 1113 1103 1350 4093	881 973 896 1122 3259 history1 5 8 26 ▲ 8.4 history1 0.6	855 958 917 1081 3014 history2 5 6 22 ▲ 7.8 history2 0.5
Oxidation	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration	ppm ppm ppm ppm ppm ppm ppm ppm spm ppm p	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m METHOD ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D7844 *ASTM D7844 *ASTM D7624	1010 1070 1150 1270 2060 limit/base >25 >20 >3.0 limit/base >6 >20	1025 1113 1103 1350 4093	881 973 896 1122 3259 history1 5 8 26 ▲ 8.4 history1 0.6 12.0	855 958 917 1081 3014 history2 5 6 22 ▲ 7.8 history2 0.5 11.4
	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation	ppm	ASTM D5185m ASTM D3524 method *ASTM D7844 *ASTM D7624 *ASTM D76145	1010 1070 1150 1270 2060 limit/base >25 >20 >3.0 limit/base >6 >20 >30	1025 1113 1103 1350 4093	881 973 896 1122 3259 history1 5 8 26 ▲ 8.4 history1 0.6 12.0 21.9	855 958 917 1081 3014 history2 5 6 22 ▲ 7.8 history2 0.5 11.4 20.6
	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation FLUID DEGRAI	ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D7844 *ASTM D7624 *ASTM D7415 method	1010 1070 1150 1270 2060 limit/base >25 >20 >3.0 limit/base >6 >20 >30 limit/base	1025 1113 1103 1350 4093	881 973 896 1122 3259 history1 5 8 26 ▲ 8.4 history1 0.6 12.0 21.9 history1	855 958 917 1081 3014 history2 5 6 22 ▲ 7.8 history2 0.5 11.4 20.6 history2

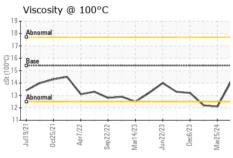


OIL ANALYSIS REPORT





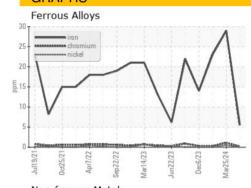


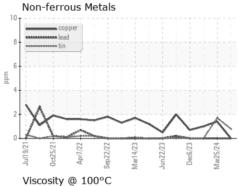


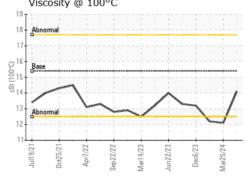
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

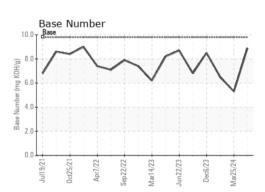
FLUID PROPI	ERHES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	14.1	12.1	12.2

GRAPHS













Certificate 12367

Laboratory Sample No.

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

: GFL0070949 Lab Number : 06136860 Unique Number : 10956325

Received **Tested**

: 02 Apr 2024 : 05 Apr 2024 Diagnosed

: 05 Apr 2024 - Wes Davis Test Package : FLEET (Additional Tests: PercentFuel)

261 INDUSTRIAL DR Ruckersville, VA US 22698 Contact: Jaf Finney jfinney@gflenv.com

GFL Environmental - 683 - Ruckersville Hauling

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)

T: (434)990-4972