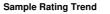
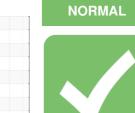


OIL ANALYSIS REPORT





Area **166** Machine Id **11380** Component **Diesel Engine** Fluid

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

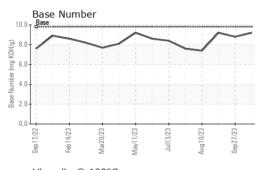
Fluid Condition

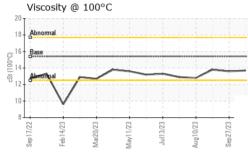
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Nickel ppm ASTM D5185m >2 0 0 <1	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Date Info 02 Nov 2023 27 Sep 2023 07 Sep 2023 Machine Age hrs Client Info 45498 2152 39950 Oil Age hrs Client Info 600 Not Changed NorRMAL	Sample Number		Client Info		GFL0091254	GFL0091224	GFL0087881
Machine Age hrs Client Info 45498 2152 39950 Oil Age irrs Client Info 600 1200 600 Oil Changed Client Info NoRMAL NORMAL NORMAL NORMAL Sample Status Imit/base current Inistory1 History2 Fuel WC Method >5 <1.0 <1.0 <1.0 Glycol WC Method >5 <1.0 <1.0 <1.0 WEAR METALS method imit/base current history1 history2 Iron ppm ASTM D5185m >110 4 11 8 Chromium ppm ASTM D5185m >2 0 <1 <1 Nickel ppm ASTM D5185m >2 0 <1 <1 <1 <1 <1 0 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 1 <1>			Client Info		02 Nov 2023	27 Sep 2023	07 Sep 2023
Olt Age Ins Client Info 600 1200 600 Olt Changed Client Info Not Changed Not Changed Not Changed Sample Status Imit Method Imit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 Glycol WC Method >5 <1.0 <1.0 <1.0 Glycol WC Method >5 <1.0 <1.0 <1.0 Glycol WC Method STM D5185m >110 4 11 8 Chromium ppm ASTM D5185m >2 0 <1 <1 Nickel ppm ASTM D5185m >2 0 <1 <1 Aluminum ppm ASTM D5185m >2 0 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1		hrs					
Oli Changed Sample StatusClient InfoNot Changd NORMALNot Changed NORMALNot Change NormalNot Change Normal	0						
Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL CONTAMINATION method imit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >110 4 11 8 Chromium ppm ASTM D5185m >2 0 0 <1 Nickel ppm ASTM D5185m >2 0 0 <1 Itanium ppm ASTM D5185m >2 0 0 <1 Gopper ppm ASTM D5185m >45 1 0 0 <1 Copper ppm ASTM D5185m 0 0 <1 0 2 Barium ppm ASTM D5185m 0 0 0 2	-						
CONTAMINATION method imit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >2 0 <1 <1 Nickel ppm ASTM D5185m >2 0 <1 <1 Silver ppm ASTM D5185m >2 0 <1 <1 Aluminum ppm ASTM D5185m >2 0 <1 <1 Aluminum ppm ASTM D5185m >25 2 6 5 Lead ppm ASTM D5185m >45 <1 0 0 Cadmium ppm ASTM D5185m 0 0 0 <1 ADDITVES method imit/base current history1 history2 Barium	-				•	U	-
Fuel WC Method >5 <1.0	· · ·		mathad	limit/baca			
Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >110 4 11 8 Chromium ppm ASTM D5185m >2 0 0 <1 Nickel ppm ASTM D5185m >2 0 0 <1 Aluminum ppm ASTM D5185m >2 0 0 <1 Aluminum ppm ASTM D5185m >25 2 6 5 Lead ppm ASTM D5185m >45 <1 0 0 Vanadium ppm ASTM D5185m 0 0 0 <1 Cadmium ppm ASTM D5185m 0 0 0 2 Baron ppm ASTM D5185m 0 0 2 6 Magnesium ppm ASTM D5185m 0 0 2 6							
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Iron ppm ASTM D5185m >110 4 11 8 Chromium ppm ASTM D5185m >4 0 <1	Giycol		WC Method		NEG	NEG	NEG
Chromium ppm ASTM D5185m >4 0 <1	WEAR METAL	S	method	limit/base	current	history1	history2
Nickel ppm ASTM D5185m >2 0 0 <1	Iron	ppm	ASTM D5185m	>110	4	11	8
Titanium ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m >2 0 0 <1 Aluminum ppm ASTM D5185m >25 2 6 5 Lead ppm ASTM D5185m >45 <1 0 0 Copper ppm ASTM D5185m >85 1 2 1 Tin ppm ASTM D5185m >85 1 2 1 Cadmium ppm ASTM D5185m 0 0 0 <1 Cadmium ppm ASTM D5185m 0 0 0 2 Boron ppm ASTM D5185m 0 0 0 2 Molybdenum ppm ASTM D5185m 0 <1 <1 <1 Magnesium ppm ASTM D5185m 0 <1 <1< <1 Molybdenum ppm ASTM D5185m 1010 966 901	Chromium	ppm	ASTM D5185m	>4	0	<1	<1
Silver ppm ASTM D5185m >2 0 0 <1	Nickel	ppm	ASTM D5185m	>2	0	0	<1
Aluminum ppm ASTM D5185m >25 2 6 5 Lead ppm ASTM D5185m >45 <1 0 0 Copper ppm ASTM D5185m >45 1 2 1 Tin ppm ASTM D5185m >4 0 0 0 Vanadium ppm ASTM D5185m 0 0 <1 0 Cadmium ppm ASTM D5185m 0 <1 0 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 <1 0 2 Molybdenum ppm ASTM D5185m 0 <1 <1 <1 Magnesium ppm ASTM D5185m 0 <1 <1 <1 <1 Phosphorus ppm ASTM D5185m 1070 1029 996 1050 Phosphorus ppm ASTM D5185m 1270 <td< th=""><th>Titanium</th><th>ppm</th><th>ASTM D5185m</th><th></th><th>0</th><th>0</th><th>0</th></td<>	Titanium	ppm	ASTM D5185m		0	0	0
Lead ppm ASTM D5185m >45 <1	Silver	ppm	ASTM D5185m	>2	0	0	
Copper ppm ASTM D5185m >85 1 2 1 Tin ppm ASTM D5185m >4 0 0 0 Vanadium ppm ASTM D5185m 0 0 <1 Cadmium ppm ASTM D5185m 0 0 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 <1 0 2 Barium ppm ASTM D5185m 0 <1 0 2 Molybdenum ppm ASTM D5185m 0 <1 <1 <1 Magnesium ppm ASTM D5185m 0 <1 <1 <1 <1 Sulfur ppm ASTM D5185m 1010 966 901 897 <1050 Phosphorus ppm ASTM D5185m 1070 1029 996 1050 Sulfur ppm ASTM D5185m 2060 3120	Aluminum	ppm	ASTM D5185m	>25	2	6	5
Tin ppm ASTM D5185m >4 0 0 0 Vanadium ppm ASTM D5185m 0 0 <1 Cadmium ppm ASTM D5185m 0 0 <1	Lead	ppm	ASTM D5185m	>45	<1	0	0
Vanadium ppm ASTM D5185m 0 0 <1	Copper	ppm	ASTM D5185m	>85	1	2	1
Cadmium ppm ASTM D5185m 0 0 <1	Tin	ppm	ASTM D5185m	>4	0	0	0
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 <1 0 2 Barium ppm ASTM D5185m 0 0 0 2 Molybdenum ppm ASTM D5185m 60 60 62 60 Magnesium ppm ASTM D5185m 0 <1 <1 <1 Magnesium ppm ASTM D5185m 1010 966 901 897 Calcium ppm ASTM D5185m 1070 1029 996 1050 Phosphorus ppm ASTM D5185m 1270 1240 1231 1186 Sulfur ppm ASTM D5185m 2060 3120 3402 3117 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 3 6 4 Potassium ppm ASTM D5185m >20	Vanadium	ppm	ASTM D5185m		0	0	<1
Boron ppm ASTM D5185m 0 <1	Cadmium	ppm	ASTM D5185m		0	0	<1
Barium ppm ASTM D5185m 0 0 0 2 Molybdenum ppm ASTM D5185m 60 60 62 60 Manganese ppm ASTM D5185m 0 <1 <1 <1 Magnesium ppm ASTM D5185m 1010 966 9011 897 Calcium ppm ASTM D5185m 1010 966 9011 897 Calcium ppm ASTM D5185m 1070 1029 996 1050 Phosphorus ppm ASTM D5185m 1270 1240 1231 1186 Sulfur ppm ASTM D5185m 2060 3120 3402 3117 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 3 6 4 Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 60 60 62 60 Manganese ppm ASTM D5185m 0 <1 <1 <1 Magnesium ppm ASTM D5185m 1010 966 901 897 Calcium ppm ASTM D5185m 1010 966 901 897 Calcium ppm ASTM D5185m 1070 1029 996 1050 Phosphorus ppm ASTM D5185m 1170 1033 1014 1014 Zinc ppm ASTM D5185m 1270 1240 1231 1186 Sulfur ppm ASTM D5185m 2060 3120 3402 3117 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 3 6 4 Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/bas	Boron	ppm	ASTM D5185m	0	<1	0	2
Manganese ppm ASTM D5185m 0 <1	Barium	ppm	ASTM D5185m	0	0	0	2
Magnesium ppm ASTM D5185m 1010 966 901 897 Calcium ppm ASTM D5185m 1070 1029 996 1050 Phosphorus ppm ASTM D5185m 1150 1033 1014 1014 Zinc ppm ASTM D5185m 1270 1240 1231 1186 Sulfur ppm ASTM D5185m 2060 3120 3402 3117 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 3 6 4 Sodium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D74	Molybdenum	ppm	ASTM D5185m	60	60	62	60
Calcium ppm ASTM D5185m 1070 1029 996 1050 Phosphorus ppm ASTM D5185m 1150 1033 1014 1014 Zinc ppm ASTM D5185m 1270 1240 1231 1186 Sulfur ppm ASTM D5185m 2060 3120 3402 3117 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 3 6 4 Sodium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method	Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Phosphorus ppm ASTM D5185m 1150 1033 1014 1014 Zinc ppm ASTM D5185m 1270 1240 1231 1186 Sulfur ppm ASTM D5185m 2060 3120 3402 3117 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 3 6 4 Sodium ppm ASTM D5185m >30 3 6 4 Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method lim	Magnesium	ppm	ASTM D5185m	1010	966	901	897
Zinc ppm ASTM D5185m 1270 1240 1231 1186 Sulfur ppm ASTM D5185m 2060 3120 3402 3117 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 3 6 4 Sodium ppm ASTM D5185m >30 3 6 4 Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414	Calcium	ppm	ASTM D5185m	1070	1029	996	1050
Sulfur ppm ASTM D5185m 2060 3120 3402 3117 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 3 6 4 Sodium ppm ASTM D5185m >30 3 6 4 Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7615 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	Phosphorus	ppm	ASTM D5185m	1150	1033	1014	1014
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>30364SodiumppmASTM D5185m>30444PotassiumppmASTM D5185m>204109INFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844>30.20.20.2NitrationAbs/cm*ASTM D7624>205.86.66.1SulfationAbs/lmm*ASTM D7415>3017.618.218.0FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.lmm*ASTM D7414>2513.514.113.7	Zinc	ppm	ASTM D5185m	1270	1240	1231	1186
Silicon ppm ASTM D5185m >30 3 6 4 Sodium ppm ASTM D5185m >30 4 4 4 Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7615 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7					1240	1201	
Sodium ppm ASTM D5185m 4 4 4 Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	Sulfur			2060			
Sodium ppm ASTM D5185m 4 4 4 Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7		ppm	ASTM D5185m		3120	3402	3117
Potassium ppm ASTM D5185m >20 4 10 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	CONTAMINAN	ppm TS	ASTM D5185m method	limit/base	3120 current	3402 history1	3117 history2
Soot % % *ASTM D7844 >3 0.2 0.2 0.2 Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	CONTAMINAN Silicon	ppm TS ppm	ASTM D5185m method ASTM D5185m	limit/base	3120 current 3	3402 history1 6	3117 history2 4
Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	CONTAMINAN Silicon Sodium	ppm TS ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m	limit/base >30	3120 current 3 4	3402 history1 6 4	3117 history2 4 4
Nitration Abs/cm *ASTM D7624 >20 5.8 6.6 6.1 Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	CONTAMINAN Silicon Sodium Potassium	ppm TS ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >30 >20	3120 current 3 4 4	3402 history1 6 4 10	3117 history2 4 4 9
Sulfation Abs/.1mm *ASTM D7415 >30 17.6 18.2 18.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	CONTAMINAN Silicon Sodium Potassium INFRA-RED	ppm TS ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m method	limit/base >30 >20 limit/base	3120 current 3 4 4 current	3402 history1 6 4 10 history1	3117 history2 4 4 9 history2
FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot %	ppm TS ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m method *ASTM D7844	limit/base >30 >20 limit/base >3	3120 current 3 4 4 current 0.2	3402 history1 6 4 10 history1 0.2	3117 history2 4 4 9 history2 0.2
Oxidation Abs/.1mm *ASTM D7414 >25 13.5 14.1 13.7	CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration	ppm TS ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m method *ASTM D7844 *ASTM D7624	limit/base >30 >20 limit/base >3 >20	3120 current 3 4 4 current 0.2 5.8	3402 history1 6 4 10 history1 0.2 6.6	3117 history2 4 4 9 history2 0.2 6.1
	CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm TS ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7624	limit/base >30 >20 limit/base >3 >20 >30	3120 current 3 4 4 current 0.2 5.8 17.6	3402 history1 6 4 10 history1 0.2 6.6 18.2	3117 history2 4 4 9 history2 0.2 6.1 18.0
Base Number (BN) mg KOHig ASIM D2896 9.8 9.2 8.8 9.2	CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation FLUID DEGRAE	ppm TS ppm ppm ppm ppm % Abs/cm Abs/cm Abs/1mm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7624 *ASTM D7624 *ASTM D7415	limit/base >30 >20 limit/base >3 >20 >30 limit/base	3120 current 3 4 4 current 0.2 5.8 17.6 current	3402 history1 6 4 10 history1 0.2 6.6 18.2 history1	3117 history2 4 4 9 history2 0.2 6.1 18.0 history2
	CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation FLUID DEGRAE Oxidation	ppm TS ppm ppm ppm ppm % Abs/cm Abs/.1mm Abs/.1mm	ASTM D5185m method ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7844 *ASTM D7415 method *ASTM D7414	limit/base >30 >20 limit/base >3 >20 >30 limit/base >25	3120 current 3 4 4 current 0.2 5.8 17.6 current 13.5	3402 history1 6 4 10 history1 0.2 6.6 18.2 history1 14.1	3117 history2 4 4 9 history2 0.2 6.1 18.0 history2 13.7

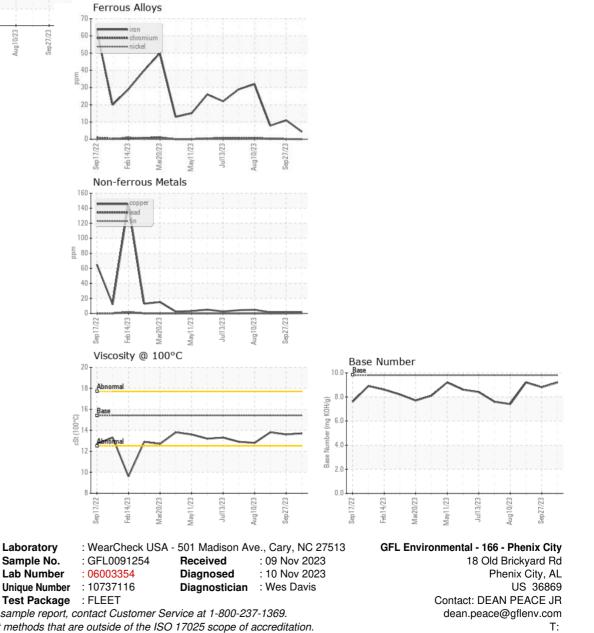


OIL ANALYSIS REPORT





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	13.7	13.6	13.8
GRAPHS						





Certificate L2367 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)

Submitted By: DARRIN WRIGHT

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