

PROBLEM SUMMARY

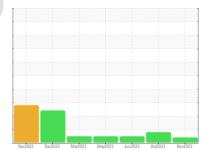
Sample Rating Trend

VISCOSITY



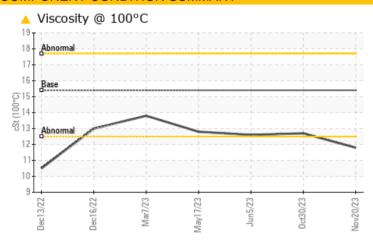
Machine Id 413041 Component **Diesel Engine**

PETRO CANADA DURON SHP 15W40 (11 GAL)





COMPONENT CONDITION SUMMARY



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status				ATTENTION	ABNORMAL	NORMAL		
Visc @ 100°C	cSt	ASTM D445	15.4	<u> </u>	12.7	12.6		

Customer Id: GFL095 Sample No.: GFL0074634 Lab Number: 06016249 Test Package: FLEET

To manage this report scan the QR code

To discuss the diagnosis or test data: Sean Felton +1 919-379-4092 sfelton@wearcheckusa.com

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid			?	Oil and filter change at the time of sampling has been noted.
Change Filter			?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS

30 Oct 2023 Diag: Don Baldridge

WEAR



Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Valve wear is indicated. All other 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 acceptable for the time in service.



05 Jun 2023 Diag: Wes Davis

NORMAL



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



17 May 2023 Diag: Wes Davis

NORMAL



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





OIL ANALYSIS REPORT

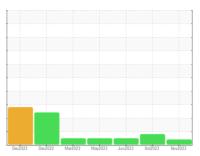
Sample Rating Trend

VISCOSITY



Machine Id 413041 Component **Diesel Engine**

PETRO CANADA DURON SHP 15W40 (11 GAL)





DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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

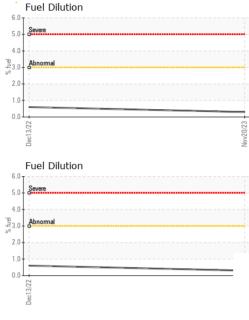
Fluid Condition

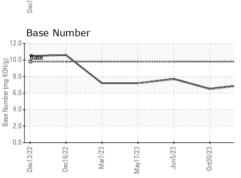
The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m 1 3 2 Potassium ppm ASTM D5185m >20 3 7 <1 Fuel % ASTM D3524 >3.0 0.3 <1.0 <1.0 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >4 0.2 0.5 0.2 Nitration Abs/cm *ASTM D7624 >20 5.0 8.5 5.4 Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2	N SHP 15W40 (1	,	Dec2022	Dec2022 Mar2023 N			
Sample Date	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 2934 2846 2270 Dil Age hrs Client Info 88 576 133 Dil Changed Client Info Changed Changed Changed Sample Status Ton ATTENTION ABNORMAL NORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method >0.2 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05185m >120 6 27 3 Othromium ppm ASTM 05185m >20 <1	Sample Number		Client Info		GFL0074634	GFL0092481	GFL0083625
Oil Age hrs Client Info 88 576 133 Oil Changed Sample Status Client Info Changed Changed Changed Changed Changed NORMAL NORMAL Changed NORMAL NORMAL NORMAL NORMAL CONTAMINATION method limit/base current bistory1 history2 Water WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >120 6 27 3 Chromium ppm ASTM D5185m >20 <1 1 <1 Nickel ppm ASTM D5185m >20 <1 1 <1 Silver ppm ASTM D5185m >20 2 4 <1 0 Silver ppm ASTM D5185m >40 0 0 0 0 Copper ppm ASTM D5185m >330 3	Sample Date		Client Info		20 Nov 2023	30 Oct 2023	05 Jun 2023
Client Info	Machine Age	hrs	Client Info		2934	2846	2270
ATTENTION	Oil Age	hrs	Client Info		88	576	133
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 ron ppm ASTM D5185m >120 6 27 3 Chromium ppm ASTM D5185m >20 <1	Oil Changed		Client Info		Changed	Changed	Changed
Water WC Method >0.2 NEG NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >120 6 27 3 Chromium ppm ASTM D5185m >20 <1 1 <1 Nickel ppm ASTM D5185m >5 4 12 0 Silver ppm ASTM D5185m >2 0 0 <1 Silver ppm ASTM D5185m >2 <1 <1 0 Aluminum ppm ASTM D5185m >20 2 4 <1 0 Aluminum ppm ASTM D5185m >40 0 0 0 0 Copper ppm ASTM D5185m >330 3 22 2 2 Tin ppm ASTM D5185m 0 0 0 0 0 Capper ppm AST	Sample Status				ATTENTION	ABNORMAL	NORMAL
Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >120 6 27 3 Chromium ppm ASTM D5185m >20 <1 1 <1 Nickel ppm ASTM D5185m >5 4 12 0 Silver ppm ASTM D5185m >2 0 0 <1 Aluminum ppm ASTM D5185m >2 0 0 <1 Aluminum ppm ASTM D5185m >20 2 4 <1 Lead ppm ASTM D5185m >40 0 0 0 Copper ppm ASTM D5185m >20 0 0 0 Caladium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 5 6 6 6 <td>CONTAMINAT</td> <td>ION</td> <td>method</td> <td>limit/base</td> <th>current</th> <td>history1</td> <td>history2</td>	CONTAMINAT	ION	method	limit/base	current	history1	history2
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >>120 6 27 3 Chromium ppm ASTM D5185m >>20 <1	Water		WC Method	>0.2	NEG	NEG	NEG
Chromium	Glycol		WC Method		NEG	NEG	NEG
Chromium ppm ASTM D5185m >20 <1 1 <1 Nickel ppm ASTM D5185m >5 4 ▲ 12 0 Titianium ppm ASTM D5185m >2 0 0 <1 Siliver ppm ASTM D5185m >2 <1 <1 0 Aluminum ppm ASTM D5185m >2 <1 <1 0 Lead ppm ASTM D5185m >40 0 0 0 0 Copper ppm ASTM D5185m >40 0 0 0 0 Copper ppm ASTM D5185m >15 <1 1 <1 <1 Vanadium ppm ASTM D5185m 0 0 0 0 0 Cadmium ppm ASTM D5185m 0 5 6 6 6 6 Barium ppm ASTM D5185m 0 5 6 6 6 6	WEAR METAL	S	method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>120	6	27	3
Titanium	Chromium	ppm	ASTM D5185m	>20	<1	1	<1
Silver	Nickel	ppm	ASTM D5185m	>5	4	<u> </u>	0
Aluminum	Titanium	ppm	ASTM D5185m	>2	0	0	<1
Lead	Silver	ppm	ASTM D5185m	>2	<1	<1	0
Copper	Aluminum	ppm	ASTM D5185m	>20	2	4	<1
Trin	Lead	ppm	ASTM D5185m	>40	0	0	0
Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 5 6 6 6 Barium ppm ASTM D5185m 0 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 0 Manganese ppm ASTM D5185m 0 0 <1 <1 Magnesium ppm ASTM D5185m 1010 727 843 826 Calcium ppm ASTM D5185m 1070 889 982 1000 Phosphorus ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m >25	Copper	ppm	ASTM D5185m	>330	3	22	2
ADDITIVES	Tin	ppm	ASTM D5185m	>15	<1	1	<1
ADDITIVES	Vanadium	ppm	ASTM D5185m		0	0	0
Boron	Cadmium	ppm	ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 60 56 60 60 Manganese ppm ASTM D5185m 0 0 <1 <1 Magnesium ppm ASTM D5185m 1010 727 843 826 Calcium ppm ASTM D5185m 1070 889 982 1000 Phosphorus ppm ASTM D5185m 1150 835 911 887 Zinc ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m >20 3 7 <1 Fuel % ASTM D5185m	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 60 56 60 60 Manganese ppm ASTM D5185m 0 0 <1 <1 Magnesium ppm ASTM D5185m 1010 727 843 826 Calcium ppm ASTM D5185m 1070 889 982 1000 Phosphorus ppm ASTM D5185m 1150 835 911 887 Zinc ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 25 3 6 3 Sodium ppm ASTM D5185m 1 3 2 Potassium ppm ASTM D5185m >20 3 7 <1 Fuel % ASTM D7844 >4	Boron	ppm	ASTM D5185m	0	5	6	6
Manganese ppm ASTM D5185m 0 0 <1 <1 Magnesium ppm ASTM D5185m 1010 727 843 826 Calcium ppm ASTM D5185m 1070 889 982 1000 Phosphorus ppm ASTM D5185m 1150 835 911 887 Zinc ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m >20 3 7 <1 Fuel % ASTM D5185m >20 3 7 <1 Fuel % ASTM D5185m >20 3 7 <1 Fuel % ASTM D5185m >20 <	Barium	ppm	ASTM D5185m	0	0	0	0
Magnesium ppm ASTM D5185m 1010 727 843 826 Calcium ppm ASTM D5185m 1070 889 982 1000 Phosphorus ppm ASTM D5185m 1150 835 911 887 Zinc ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m >20 3 7 <1	Molybdenum	ppm	ASTM D5185m	60	56	60	60
Calcium ppm ASTM D5185m 1070 889 982 1000 Phosphorus ppm ASTM D5185m 1150 835 911 887 Zinc ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Solicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m >20 3 7 <1	Manganese	ppm	ASTM D5185m	0	0	<1	<1
Phosphorus ppm ASTM D5185m 1150 835 911 887 Zinc ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m >20 3 7 <1	Magnesium	ppm	ASTM D5185m	1010	727	843	826
Zinc ppm ASTM D5185m 1270 1023 1115 1101 Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m >20 3 7 <1	Calcium	10 10 100					
Sulfur ppm ASTM D5185m 2060 2823 2352 3273 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m 1 3 2 Potassium ppm ASTM D5185m >20 3 7 <1		ppm	ASTM D5185m	1070			1000
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m 1 3 2 Potassium ppm ASTM D5185m >20 3 7 <1	Phosphorus				889	982	
Silicon ppm ASTM D5185m >25 3 6 3 Sodium ppm ASTM D5185m 1 3 2 Potassium ppm ASTM D5185m >20 3 7 <1 Fuel % ASTM D3524 >3.0 0.3 <1.0 <1.0 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >4 0.2 0.5 0.2 Nitration Abs/cm *ASTM D7624 >20 5.0 8.5 5.4 Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 11.6 16.1 12.6		ppm	ASTM D5185m	1150	889 835	982 911	887
Sodium ppm ASTM D5185m 1 3 2 Potassium ppm ASTM D5185m >20 3 7 <1	Zinc	ppm	ASTM D5185m ASTM D5185m	1150 1270	889 835 1023	982 911 1115	887 1101
Potassium ppm ASTM D5185m >20 3 7 <1 Fuel % ASTM D3524 >3.0 0.3 <1.0 <1.0 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >4 0.2 0.5 0.2 Nitration Abs/cm *ASTM D7624 >20 5.0 8.5 5.4 Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 11.6 16.1 12.6	Zinc Sulfur	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	1150 1270 2060	889 835 1023 2823	982 911 1115 2352	887 1101 3273
Fuel % ASTM D3524 >3.0 0.3 <1.0 <1.0 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >4 0.2 0.5 0.2 Nitration Abs/cm *ASTM D7624 >20 5.0 8.5 5.4 Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 11.6 16.1 12.6	Zinc Sulfur CONTAMINAN	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method	1150 1270 2060 limit/base	889 835 1023 2823 current	982 911 1115 2352 history1	887 1101 3273 history2
INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >4 0.2 0.5 0.2 Nitration Abs/cm *ASTM D7624 >20 5.0 8.5 5.4 Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 11.6 16.1 12.6	Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ITS	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m	1150 1270 2060 limit/base	889 835 1023 2823 current 3	982 911 1115 2352 history1	887 1101 3273 history2
Soot % % *ASTM D7844 >4 0.2 0.5 0.2 Nitration Abs/cm *ASTM D7624 >20 5.0 8.5 5.4 Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 11.6 16.1 12.6	Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ITS ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	1150 1270 2060 limit/base >25	889 835 1023 2823 current 3	982 911 1115 2352 history1 6 3	887 1101 3273 history2 3 2
Nitration Abs/cm *ASTM D7624 >20 5.0 8.5 5.4 Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 11.6 16.1 12.6	Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ITS ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m	1150 1270 2060 limit/base >25 >20	889 835 1023 2823 current 3 1	982 911 1115 2352 history1 6 3	887 1101 3273 history2 3 2 <1
Nitration Abs/cm *ASTM D7624 >20 5.0 8.5 5.4 Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 11.6 16.1 12.6	Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel	ppm ppm ppm ITS ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D3524	1150 1270 2060 limit/base >25 >20 >3.0	889 835 1023 2823 current 3 1 3 0.3	982 911 1115 2352 history1 6 3 7 <1.0	887 1101 3273 history2 3 2 <1 <1.0
Sulfation Abs/.1mm *ASTM D7415 >30 16.7 20.0 17.6 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 11.6 16.1 12.6	Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED	ppm ppm ppm ITS ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D3524	1150 1270 2060 limit/base >25 >20 >3.0 limit/base	889 835 1023 2823 current 3 1 3 0.3	982 911 1115 2352 history1 6 3 7 <1.0	887 1101 3273 history2 3 2 <1 <1.0
Oxidation	Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot %	ppm ppm ppm ITS ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D3524 method *ASTM D7844	1150 1270 2060 limit/base >25 >20 >3.0 limit/base >4	889 835 1023 2823 current 3 1 3 0.3 current	982 911 1115 2352 history1 6 3 7 <1.0 history1 0.5	887 1101 3273 history2 3 2 <1 <1.0 history2
	Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration	ppm ppm ppm ITS ppm ppm ppm ppm %	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D3524 method *ASTM D7844 *ASTM D7624	1150 1270 2060 limit/base >25 >20 >3.0 limit/base >4 >20	889 835 1023 2823	982 911 1115 2352 history1 6 3 7 <1.0 history1 0.5 8.5	887 1101 3273 history2 3 2 <1 <1.0 history2 0.2 5.4
	Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ITS ppm ppm ppm % % Abs/cm Abs/.1mm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D3524 method *ASTM D7844 *ASTM D7624 *ASTM D7614	1150 1270 2060 limit/base >25 >20 >3.0 limit/base >4 >20 >30	889 835 1023 2823 current 3 1 3 0.3 current 0.2 5.0 16.7	982 911 1115 2352 history1 6 3 7 <1.0 history1 0.5 8.5 20.0	887 1101 3273 history2 3 2 <1 <1.0 history2 0.2 5.4 17.6
	Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm Abs/cm Abs/.1mm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D3524 method *ASTM D7844 *ASTM D7624 *ASTM D7415 method	1150 1270 2060 limit/base >25 >20 >3.0 limit/base >4 >20 >30 limit/base	889 835 1023 2823 current 3 1 3 0.3 current 0.2 5.0 16.7 current	982 911 1115 2352 history1 6 3 7 <1.0 history1 0.5 8.5 20.0 history1	887 1101 3273 history2 3 2 <1 <1.0 history2 0.2 5.4 17.6 history2



OIL ANALYSIS REPORT

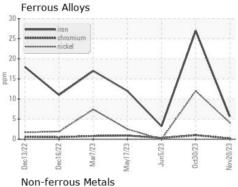


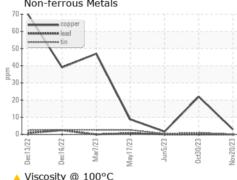


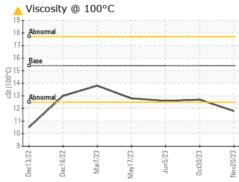
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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

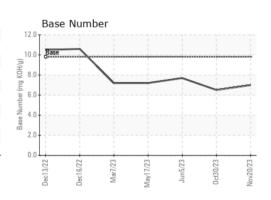
FLUID FROFE		method	IIIIII/Dase	Current	HISTOLAL	HISTOLYZ
Visc @ 100°C	cSt	ASTM D445	15.4	<u> </u>	12.7	12.6

GRAPHS











Laboratory Sample No. Unique Number

Lab Number

: GFL0074634 : 06016249 : 10755393

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 24 Nov 2023 Diagnosed Diagnostician : Sean Felton

: 28 Nov 2023

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 - 095 - Atlanta West

2699 Cochran Industrial Blvd Douglasville, GA US 30127-1332 Contact: Darrell Welch darrell.welch@gflenv.com T: (800)207-6618

Submitted By: Darrell Welch