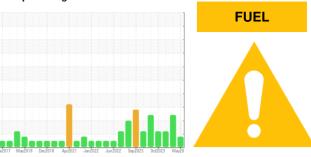


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 9973 **Diesel Engine**

PETRO CANADA DURON SHP 10W30 (--- GAL)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.

Wear

All component wear rates are normal.

Contamination

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

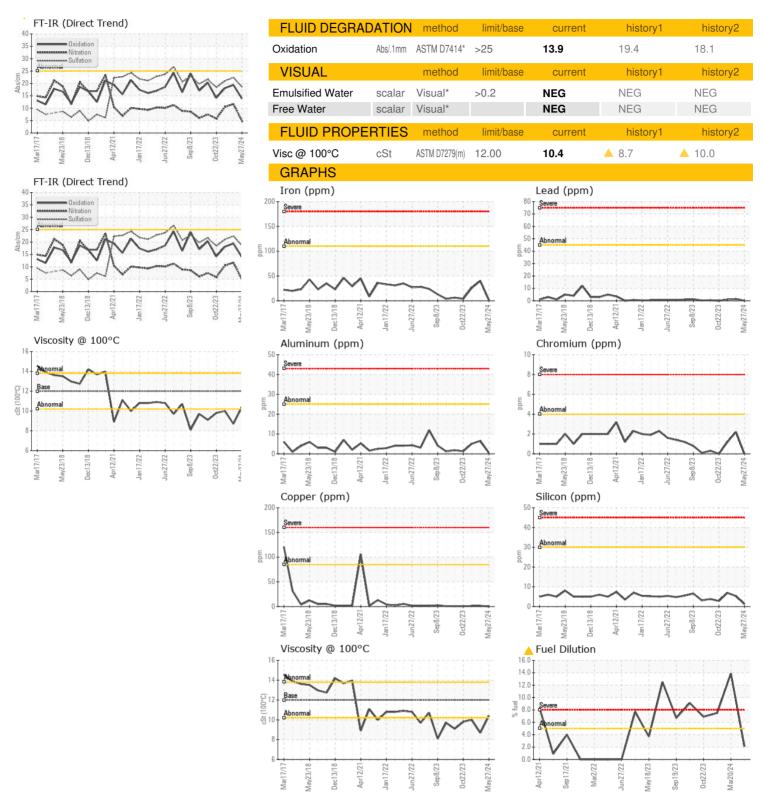
Fluid Condition

The condition of the oil is acceptable for the time in service.

Sample Number Client Info GFL0119007 GFL0102673 GFL0102674 OPA 2024 0.7 Jane 2024 0.7 As 30 As 30 Changed N.A N.A Sane 2024 N.A Asset 2024 N.A N.A Sane 2024 N.A N.A Sane 2024 N.B Quire 10 N.B Quire 10 Quire 10 N.A M.B Correct Mana 2024 N.B N.B Quire 10 N.B Correct Mana 2024 N.B N.B N.B N.B N.B	aAL)		ar2017 May20	018 Dec2018 Apr2021	Jan2022 Jun2022 Sep2023 Oct	2023 May20	
Sample Date Client Info 27 May 2024 20 Mar 2024 07 Jan 2024 Machine Age hrs Client Info 24767 29231 28678 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info Changed Changed N/A Sample Status MARGINAL SEVERE ABNORMAI CONTAMINATION method Imitibase current history1 history1 Water WC Method >0.2 NEG NEG NEG Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history1 Iron ppm ASTMOSISSIm >1.1 2 40 26 Chromium ppm ASTMOSISSIm >2 0 0 -1 Itanium ppm ASTMOSISSIm >2 0 0 0 Aluminum ppm ASTMOSISSIm >45 0	SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 24767 29231 28678 Oil Age hrs Client Info 0 0 0 0 Oil Changed Client Info Changed NL/A Changed NL/A Sample Status Image: Client Info Changed NL/A SEVERE ABNORMAI CONTAMINATION method Imitibase current history1 history2 Water WC Method NEG NEG NEG NEG Glycol WC Method Imitibase current history1 history2 Iron ppm ASTM 05185(m) >4 0 2 1 history3 Iron ppm ASTM 05185(m) >4 0 2 1 <th>Sample Number</th> <th></th> <th>Client Info</th> <th></th> <th>GFL0119007</th> <th>GFL0102673</th> <th>GFL0102644</th>	Sample Number		Client Info		GFL0119007	GFL0102673	GFL0102644
Oil Age hrs Client Info 0 0 0 Oil Changed Sample Status Client Info Changed MARGINAL Changed N/A NA CONTAMINATION method limit/base current history1 history2 Water WC Method NEG NEG NEG NEG Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05185(m) >110 2 40 26 Chromium ppm ASTM 05185(m) >2 0 0 <1 Nickel ppm ASTM 05185(m) >2 0 0 0 Silver ppm ASTM 05185(m) >2 0 0 0 Lead ppm ASTM 05185(m) >25 <1 6 5 Lead ppm ASTM 05185(m) >85 <1 1 1 1	Sample Date		Client Info		27 May 2024	20 Mar 2024	07 Jan 2024
Oil Changed Sample Status Client Info Changed MARGINAL Changed Severe N/A ABNORMAI CONTAMINATION method limit/base current history1 history1 history3 Water WC Method >0.2 NEG NEG NEG NEG Glycol WC Method NEG 0.0 0.0 0.0 WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185(m) >1.0 2 4.0 26 Chromium ppm ASTM D5185(m) >4 0 2 1 Nickel ppm ASTM D5185(m) >2 0 0 0 Silver ppm ASTM D5185(m) >2 0 0 0 Lead ppm ASTM D5185(m) >45 0 1 <1 1 Copper ppm ASTM D5185(m) >4 0 0 0 0 Vandium	Machine Age	hrs	Client Info		24767	29231	28678
CONTAMINATION	Oil Age	hrs	Client Info		0	0	0
CONTAMINATION method limit/base current history1 history2 Water WC Method >0.2 NEG NEG NEG O.0 0.0 Glycol WC Method NEG 0.0 0.0 0.0 0.0 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >4 0 2 1 Iron ppm ASTM D5185(m) >4 0 2 1 Nickel ppm ASTM D5185(m) >2 0 0 0 Silver ppm ASTM D5185(m) >2 0 0 0 Silver ppm ASTM D5185(m) >25 -1 6 5 Lead ppm ASTM D5185(m) >855 -1 1 1 Copper ppm ASTM D5185(m) 0 0 0 0 Vanadium ppm ASTM D5185(m) 0 </th <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>Changed</th> <th>Changed</th> <th>N/A</th>	Oil Changed		Client Info		Changed	Changed	N/A
Water WC Method >0.2 NEG NEG NEG Glycol WC Method Image 0.0 0.0 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >110 2 40 26 Chromium ppm ASTM D5185(m) >4 0 2 1 Nickel ppm ASTM D5185(m) >2 0 0 -1 Silver ppm ASTM D5185(m) >2 0 0 0 Silver ppm ASTM D5185(m) >2 0 0 0 Silver ppm ASTM D5185(m) >45 0 1 <1	Sample Status				MARGINAL	SEVERE	ABNORMAL
WEAR METALS	CONTAMINAT	ION	method	limit/base	current	history1	history2
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >110 2 40 26 Chromium ppm ASTM D5185(m) >4 0 2 1 Nickel ppm ASTM D5185(m) >2 0 0 <1 Titanium ppm ASTM D5185(m) >2 0 0 0 Sliver ppm ASTM D5185(m) >2 0 0 0 Aluminum ppm ASTM D5185(m) >2 0 1 <1 Lead ppm ASTM D5185(m) >45 0 1 <1 Copper ppm ASTM D5185(m) >85 <1 1 1 Vanadium ppm ASTM D5185(m) 0 0 0 0 Vanadium ppm ASTM D5185(m) 0 0 0 0 Cadmium ppm ASTM D5185(m) 0 0	Water		WC Method	>0.2	NEG	NEG	NEG
Iron	Glycol		WC Method		NEG	0.0	0.0
Chromium ppm ASTM D5(85(m) >4 0 2 1 Nickel ppm ASTM D5(85(m) >2 0 0 <1 Titanium ppm ASTM D5(85(m) >2 0 0 0 Silver ppm ASTM D5(85(m) >2 0 0 0 Aluminum ppm ASTM D5(85(m) >25 <1 6 5 Lead ppm ASTM D5(85(m) >45 0 1 <1 Copper ppm ASTM D5(85(m) >4 0 0 0 Antmony ppm ASTM D5(85(m) >4 0 0 0 Vanadium ppm ASTM D5(85(m) 0 0 0 0 Vanadium ppm ASTM D5(85(m) 0 0 0 0 Vanadium ppm ASTM D5(85(m) 0 0 0 0 Cadrium ppm ASTM D5(85(m) 0 0 0<	WEAR METAL	S	method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185(m)	>110	2	40	26
Titanium ppm ASTM D5185(m) 0 0 0 Silver ppm ASTM D5185(m) >2 0 0 0 Aluminum ppm ASTM D5185(m) >25 <1 6 5 Lead ppm ASTM D5185(m) >45 0 1 <1 Copper ppm ASTM D5185(m) >85 <1 1 1 Tin ppm ASTM D5185(m) >4 0 0 0 Antimory ppm ASTM D5185(m) 0 0 0 0 Vanadium ppm ASTM D5185(m) 0 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 0 Cadmium ppm ASTM D5185(m) 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 2 2	Chromium	ppm	ASTM D5185(m)	>4	0	2	1
Silver ppm ASTM D5185(m) >2 0 0 0 Aluminum ppm ASTM D5185(m) >25 <1 6 5 Lead ppm ASTM D5185(m) >45 0 1 <1 Copper ppm ASTM D5185(m) >44 0 0 0 Antimony ppm ASTM D5185(m) 0 0 0 0 Vanadium ppm ASTM D5185(m) 0 0 0 0 Vanadium ppm ASTM D5185(m) 0 0 0 0 Vanadium ppm ASTM D5185(m) 0 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 0 0 0 0 Barium ppm ASTM D5185(m) 50 52 50	Nickel	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum ppm ASTM D5185(m) >2.25 <1	Titanium	ppm	ASTM D5185(m)		0	0	0
Lead ppm ASTM D5185(m) >45 0 1 <1 Copper ppm ASTM D5185(m) >85 <1 1 1 Tin ppm ASTM D5185(m) >4 0 0 0 Antimony ppm ASTM D5185(m) 0 0 0 0 Vanadium ppm ASTM D5185(m) 0 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 0 Cadmium ppm ASTM D5185(m) 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 2 2 2 5 Barium ppm ASTM D5185(m) 0 0 0 0 0 Barium ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m)	Silver	ppm		>2	0	0	0
Copper ppm ASTM D5185(m) >85 <1	Aluminum	ppm	ASTM D5185(m)	>25	<1	6	5
Tin ppm ASTM D5185(m) >4 0 0 0 Antimony ppm ASTM D5185(m) 0 0 0 0 Vanadium ppm ASTM D5185(m) 0 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 0 Cadmium ppm ASTM D5185(m) 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 2 2 5 Boron ppm ASTM D5185(m) 0 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 0 0 0 0 0 Agantium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D518	Lead	ppm	ASTM D5185(m)	>45	0	1	<1
Antimony ppm ASTM D5185(m) 0 0 0 Vanadium ppm ASTM D5185(m) 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 Cadmium ppm ASTM D5185(m) 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 2 2 2 5 Barium ppm ASTM D5185(m) 0 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 95 865 788 853 Calcium ppm ASTM D5185(m) 95 919 798 910 Zinc ppm ASTM D5185(m) 995 919 798 910 Sulfur ppm ASTM D5185(m) 2600 2345 <	Copper	ppm	ASTM D5185(m)	>85	<1	1	1
Vanadium ppm ASTM D5185(m) 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 Cadmium ppm ASTM D5185(m) 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 2 2 2 5 Barium ppm ASTM D5185(m) 0 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 0 0 0 0 Magnesium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600	Tin	ppm	ASTM D5185(m)	>4	0	0	0
Beryllium ppm ASTM D5185(m) 0 0 0 Cadmium ppm ASTM D5185(m) 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 2 2 2 5 Barium ppm ASTM D5185(m) 0 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 0 0 0 0 Magnesium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) <th>Antimony</th> <th>ppm</th> <th>ASTM D5185(m)</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	Antimony	ppm	ASTM D5185(m)		0	0	0
Cadmium ppm ASTM D5185(m) 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 2 2 5 Barium ppm ASTM D5185(m) 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 0 0 0 0 Magnesium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m)	Vanadium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 2 2 5 Barium ppm ASTM D5185(m) 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm	Beryllium	ppm	ASTM D5185(m)		0	0	0
Boron ppm ASTM D5185(m) 2 2 2 5 Barium ppm ASTM D5185(m) 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 0 0 0 0 Magnesium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) <<1	Cadmium	ppm	ASTM D5185(m)		0	0	0
Barium ppm ASTM D5185(m) 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 0 0 0 0 Magnesium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm A	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185(m) 50 52 50 56 Manganese ppm ASTM D5185(m) 0 0 0 0 Magnesium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D5185(m)	Boron	ppm	ASTM D5185(m)	2	2	2	5
Manganese ppm ASTM D5185(m) 0 0 0 0 Magnesium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D5185	Barium	ppm	ASTM D5185(m)	0	0	0	0
Magnesium ppm ASTM D5185(m) 950 865 788 853 Calcium ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 current history1 history2 Silicon ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D7593* >5 2.1 13.9 7.5 INFRA-RED met	Molybdenum	ppm	ASTM D5185(m)	50	52	50	56
Calcium ppm ASTM D5185(m) 1050 935 858 965 Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 Silicon ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D5193* >5 2.1 13.9 7.5 INFRA-RED method <td< th=""><th>•</th><th>ppm</th><th>ASTM D5185(m)</th><th>0</th><th>0</th><th>0</th><th>0</th></td<>	•	ppm	ASTM D5185(m)	0	0	0	0
Phosphorus ppm ASTM D5185(m) 995 919 798 910 Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >20 0 9 6 Potassium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D7593* >5 2.1 13.9 7.5 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7624* <t< th=""><th>Magnesium</th><th>ppm</th><th>ASTM D5185(m)</th><th>950</th><th>865</th><th>788</th><th>853</th></t<>	Magnesium	ppm	ASTM D5185(m)	950	865	788	853
Zinc ppm ASTM D5185(m) 1180 1042 960 1061 Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) <1 <1 <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >20 0 9 6 Potassium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D7593* >5 2.1 13.9 7.5 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7624* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20		ppm	ASTM D5185(m)	1050	935		965
Sulfur ppm ASTM D5185(m) 2600 2345 1999 2437 Lithium ppm ASTM D5185(m) 2600 2345 1999 2437 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) >20 0 9 6 Potassium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D7593* >5 2.1 13.9 7.5 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7624* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5	Phosphorus	ppm	. ,		919		910
Lithium ppm ASTM D5185(m) <1		ppm	\ /		-		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) 6 46 36 Potassium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D7593* >5 ▲ 2.1 ▲ 13.9 ▲ 7.5 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5		ppm		2600			
Silicon ppm ASTM D5185(m) >30 1 5 7 Sodium ppm ASTM D5185(m) 6 46 36 Potassium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D7593* >5 2.1 13.9 7.5 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5	Lithium	ppm	ASTM D5185(m)		<1	<1	<1
Sodium ppm ASTM D5185(m) 6 46 36 Potassium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D7593* >5 ▲ 2.1 ▲ 13.9 ▲ 7.5 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5	CONTAMINAN	TS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185(m) >20 0 9 6 Fuel % ASTM D7593* >5 ▲ 2.1 ▲ 13.9 ▲ 7.5 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5	Silicon	ppm	ASTM D5185(m)	>30	1	5	7
Fuel % ASTM D7593* >5 ▲ 2.1 ▲ 13.9 ▲ 7.5 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5	Sodium	ppm	ASTM D5185(m)		6	46	36
INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5			. ,	>20			
Soot % % ASTM D7844* >3 0 1.2 0.6 Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5	Fuel	%	ASTM D7593*	>5	<u>^</u> 2.1	▲ 13.9	△ 7.5
Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5	INFRA-RED		method	limit/base	current	history1	history2
Nitration Abs/cm ASTM D7624* >20 4.9 11.7 10.5	Soot %	%	ASTM D7844*	>3	0	1.2	0.6
	Nitration	Abs/cm	ASTM D7624*	>20			
	Sulfation	Abs/.1mm					



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory

Sample No. Unique Number : 5787555

: GFL0119007 Lab Number : 02638393

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 554 - Edmonton SW Received : 29 May 2024 **Tested** : 30 May 2024

Diagnosed : 30 May 2024 - Wes Davis

Test Package : MOB 1 (Additional Tests: PercentFuel) To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

8409 -15th Street NW

Edmonton, AB **CA T6P 0B8** Contact: Tim Greig tgreig@gflenv.com

T: (780)231-0521

Submitted By: Brian Gagne