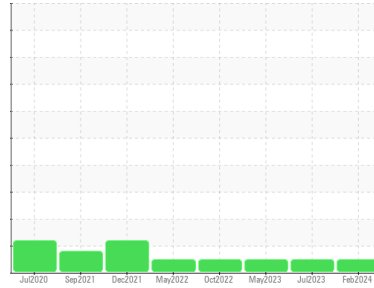




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
OR348
Component
Transmission (Auto)
Fluid
PETRO CANADA DURATRAN (--- 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 fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0092322	GFL0087393	GFL0056460
Sample Date	Client Info		09 Feb 2024	18 Jul 2023	29 May 2023
Machine Age	hrs	Client Info	22868	22210	21984
Oil Age	hrs	Client Info	22868	1000	21984
Oil Changed	Client Info		Changed	Not Changd	Not Changd
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	3	3	3
Chromium	ppm	ASTM D5185(m) >5	0	0	0
Nickel	ppm	ASTM D5185(m) >5	0	0	0
Titanium	ppm	ASTM D5185(m)	0	0	<1
Silver	ppm	ASTM D5185(m) >5	0	0	0
Aluminum	ppm	ASTM D5185(m) >50	1	<1	<1
Lead	ppm	ASTM D5185(m) >50	<1	0	<1
Copper	ppm	ASTM D5185(m) >225	<1	<1	<1
Tin	ppm	ASTM D5185(m) >10	0	0	0
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

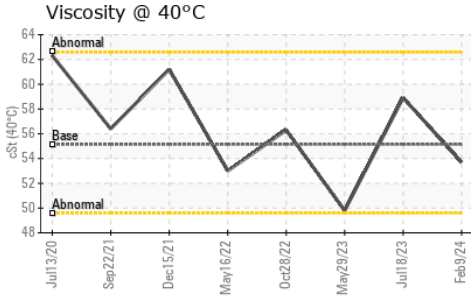
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 110	55	78	80
Barium	ppm	ASTM D5185(m) 0.0	0	0	0
Molybdenum	ppm	ASTM D5185(m) 0.0	4	3	3
Manganese	ppm	ASTM D5185(m) 1	0	0	<1
Magnesium	ppm	ASTM D5185(m) 13	75	44	43
Calcium	ppm	ASTM D5185(m) 3610	2508	3028	3229
Phosphorus	ppm	ASTM D5185(m) 1192	929	1080	1109
Zinc	ppm	ASTM D5185(m) 1455	1101	1212	1248
Sulfur	ppm	ASTM D5185(m) 2641	2598	2565	2621
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	6	8	9
Sodium	ppm	ASTM D5185(m)	1	2	2
Potassium	ppm	ASTM D5185(m) >20	1	<1	<1



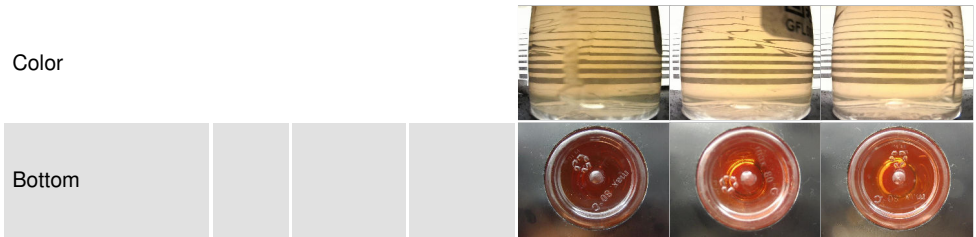
OIL ANALYSIS REPORT



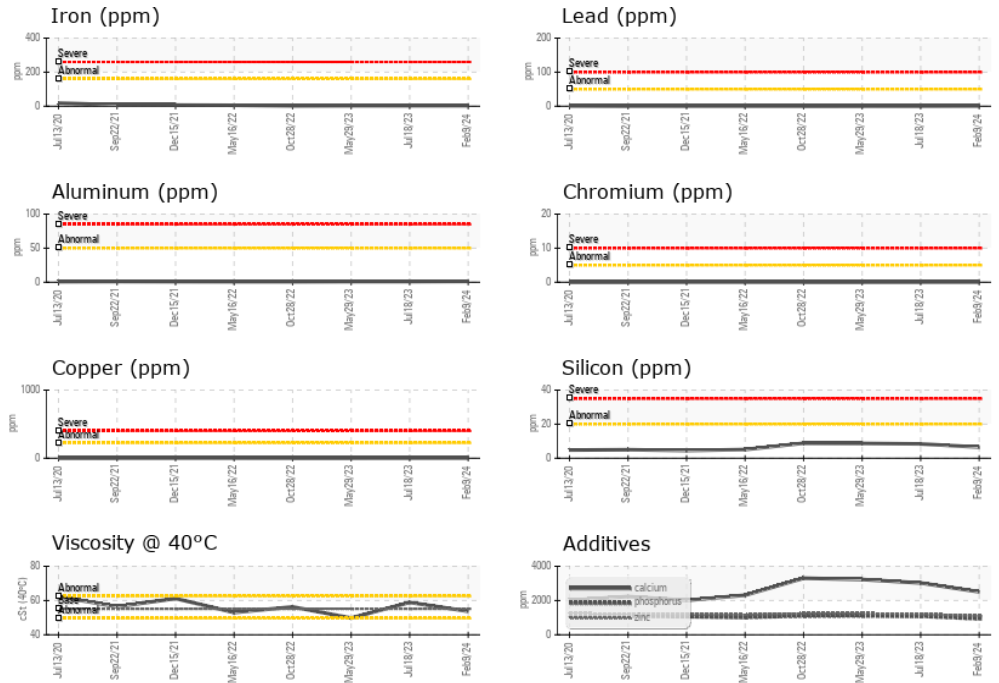
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	53.7	58.9	49.8

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0092322
Lab Number : 02615415
Unique Number : 5724510
Test Package : MOB 1

GFL Environmental - 720 - Lafleche - Landfill
 17125 Lafleche Road,
 Moose Creek, ON
 CA K0C 1W0
 Contact: Charles Bergeron
 cbergeron@gflenv.com
 T: (613)538-4853
 F:

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.