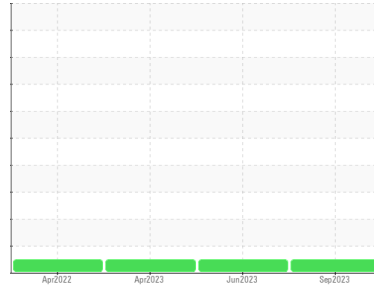




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
Or392
 Component
Transmission (Manual)
 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	GFL0092202	GFL0056417	GFL0056405
Sample Date	Client Info	15 Sep 2023	12 Jun 2023	17 Apr 2023
Machine Age	hrs	9138	8240	8240
Oil Age	hrs	500	1400	1000
Oil Changed	Client Info	Not Changed	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m) >200	17	29	30
Chromium	ppm	ASTM D5185(m) >5	<1	1	<1
Nickel	ppm	ASTM D5185(m) >5	<1	<1	0
Titanium	ppm	ASTM D5185(m)	0	<1	<1
Silver	ppm	ASTM D5185(m) >7	<1	0	0
Aluminum	ppm	ASTM D5185(m) >25	<1	1	2
Lead	ppm	ASTM D5185(m) >45	0	<1	<1
Copper	ppm	ASTM D5185(m) >225	2	6	4
Tin	ppm	ASTM D5185(m) >10	0	0	0
Antimony	ppm	ASTM D5185(m)	0	<1	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	17	18	20
Barium	ppm	ASTM D5185(m) 0.0	0	0	0
Molybdenum	ppm	ASTM D5185(m) 0.0	5	4	4
Manganese	ppm	ASTM D5185(m) 1	<1	<1	<1
Magnesium	ppm	ASTM D5185(m) 13	96	114	102
Calcium	ppm	ASTM D5185(m) 3610	2418	2633	2883
Phosphorus	ppm	ASTM D5185(m) 1192	990	1019	1033
Zinc	ppm	ASTM D5185(m) 1455	1109	1087	1137
Sulfur	ppm	ASTM D5185(m) 2641	2826	2835	2898
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

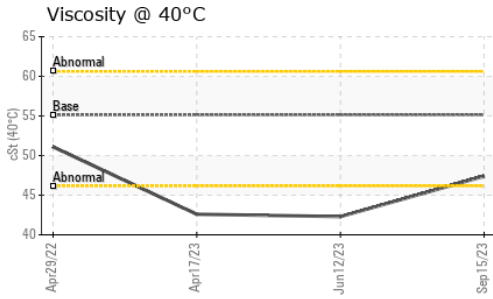
method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m) >125	5	7	7
Sodium	ppm	ASTM D5185(m)	2	3	3
Potassium	ppm	ASTM D5185(m) >20	<1	<1	1

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	VLITE
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* >0.1	NEG	NEG	NEG
Free Water	scalar	Visual*	NEG	NEG	NEG



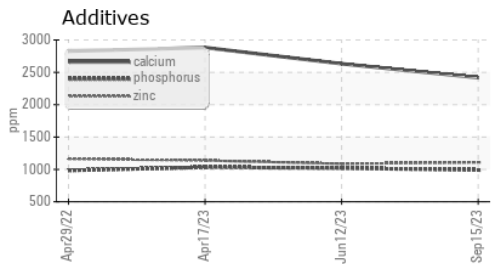
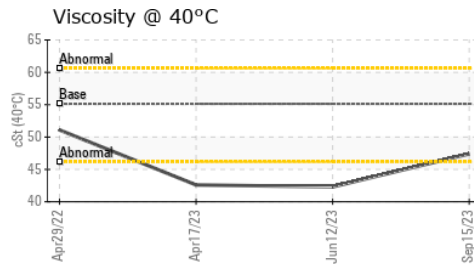
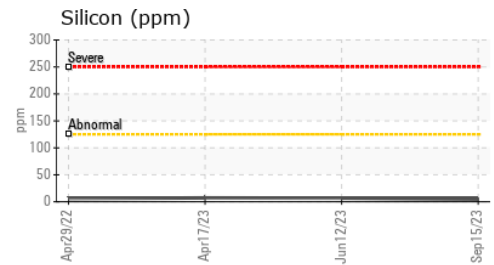
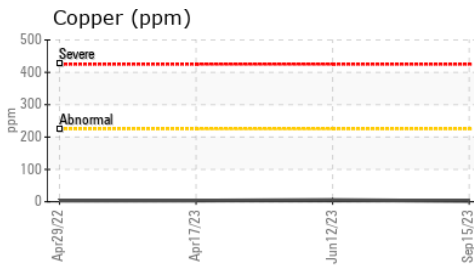
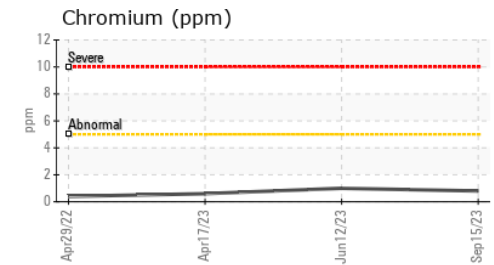
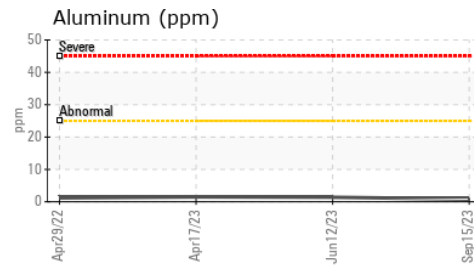
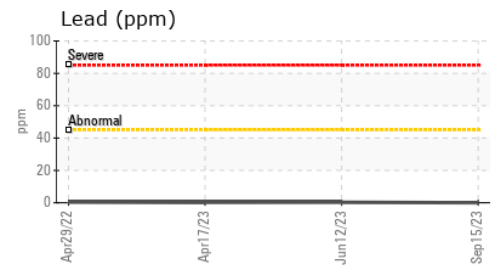
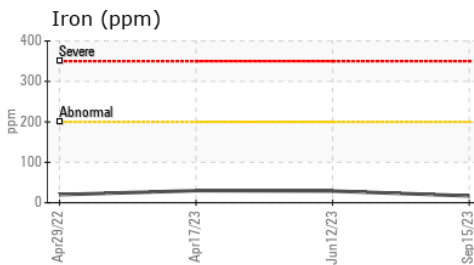
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	47.4	42.3	42.6

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 720 - Lafleche - Landfill
Sample No. : GFL0092202 **Received** : 21 Sep 2023
Lab Number : 02584455 **Diagnosed** : 21 Sep 2023
Unique Number : 5645520 **Diagnostician** : Wes Davis
Test Package : MOB 1

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.

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