



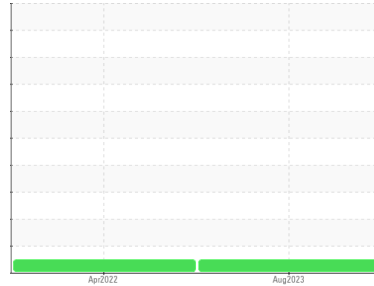
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
8268
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- 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 AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0084312	GFL0049068	---
Sample Date	Client Info		04 Aug 2023	22 Apr 2022	---
Machine Age	hrs	Client Info	13843	2064	---
Oil Age	hrs	Client Info	1303	0	---
Oil Changed	Client Info		Changed	N/A	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>70	0	0	---
Iron	ppm	ASTM D5185(m)	>235	88	107
Chromium	ppm	ASTM D5185(m)	>2	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1
Titanium	ppm	ASTM D5185(m)	>4	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0
Aluminum	ppm	ASTM D5185(m)	>90	21	27
Lead	ppm	ASTM D5185(m)	>45	8	6
Copper	ppm	ASTM D5185(m)	>50	14	19
Tin	ppm	ASTM D5185(m)	>10	2	2
Antimony	ppm	ASTM D5185(m)	>2	0	0
Vanadium	ppm	ASTM D5185(m)		0	0
Beryllium	ppm	ASTM D5185(m)		0	0
Cadmium	ppm	ASTM D5185(m)		0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		97	114
Barium	ppm	ASTM D5185(m)		<1	0
Molybdenum	ppm	ASTM D5185(m)		<1	<1
Manganese	ppm	ASTM D5185(m)		<1	1
Magnesium	ppm	ASTM D5185(m)		2	1
Calcium	ppm	ASTM D5185(m)		98	79
Phosphorus	ppm	ASTM D5185(m)		288	321
Zinc	ppm	ASTM D5185(m)		6	5
Sulfur	ppm	ASTM D5185(m)		1261	1096
Lithium	ppm	ASTM D5185(m)		<1	<1

CONTAMINANTS

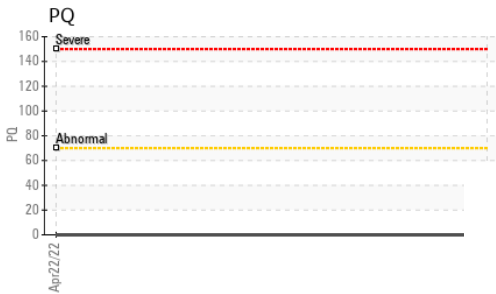
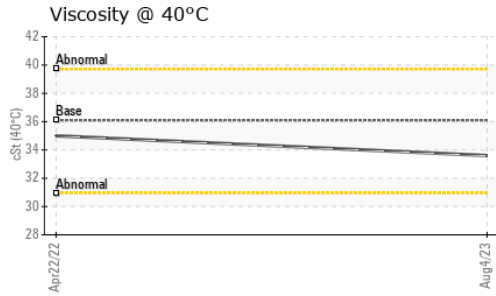
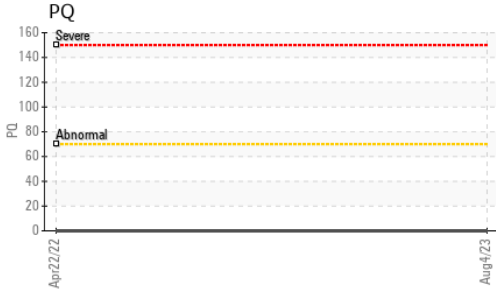
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	8	8
Sodium	ppm	ASTM D5185(m)		10	8
Potassium	ppm	ASTM D5185(m)	>20	3	2

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		1.36	1.64



OIL ANALYSIS REPORT



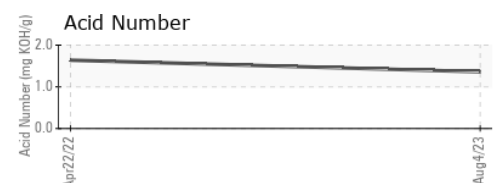
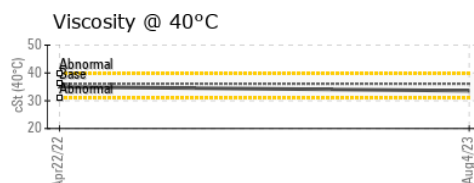
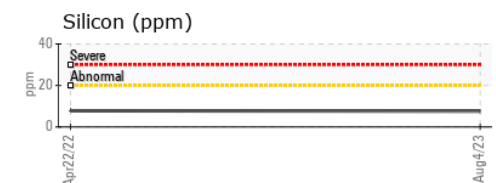
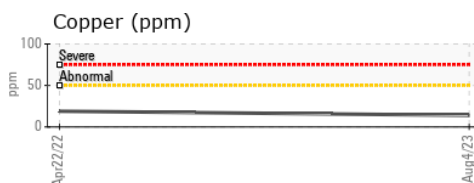
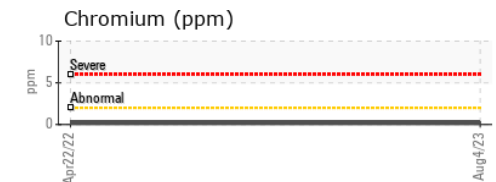
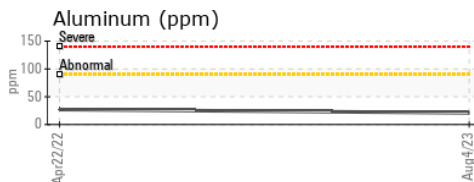
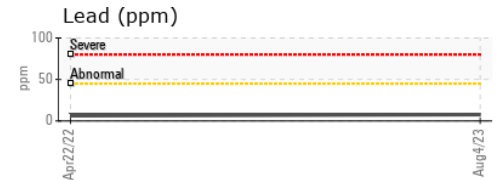
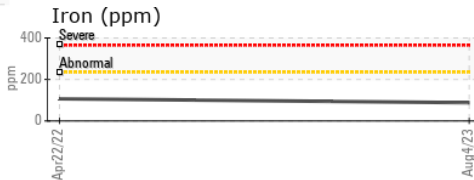
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	33.6	35.0

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image
Bottom		no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 550 - Rocky View County
Sample No. : GFL0084312 **Received** : 15 Aug 2023
Lab Number : 02575963 **Diagnosed** : 16 Aug 2023
Unique Number : 5629023 **Diagnostician** : Wes Davis
Test Package : MOB 2 (Additional Tests: PQ)

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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