



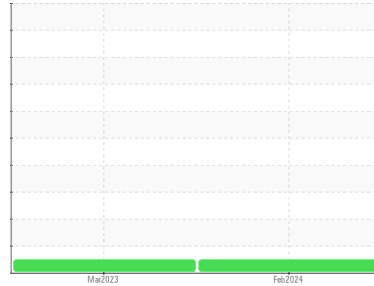
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
831046
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- 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	GFL0112420	GFL0070725	---
Sample Date	Client Info	22 Feb 2024	01 Mar 2023	---
Machine Age	hrs	Client Info	312	1658
Oil Age	hrs	Client Info	0	1658
Oil Changed	Client Info	Changed	Changed	---
Sample Status		NORMAL	NORMAL	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184* >75	0	0	---
Iron	ppm ASTM D5185(m) >220	93	75	---
Chromium	ppm ASTM D5185(m) >2	<1	<1	---
Nickel	ppm ASTM D5185(m) >5	<1	<1	---
Titanium	ppm ASTM D5185(m)	0	0	---
Silver	ppm ASTM D5185(m) >5	0	0	---
Aluminum	ppm ASTM D5185(m) >75	30	20	---
Lead	ppm ASTM D5185(m) >95	18	14	---
Copper	ppm ASTM D5185(m) >60	54	33	---
Tin	ppm ASTM D5185(m) >10	3	2	---
Antimony	ppm ASTM D5185(m) >2	0	<1	---
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) 78	117	143	---
Barium	ppm ASTM D5185(m)	3	3	---
Molybdenum	ppm ASTM D5185(m) 0	<1	1	---
Manganese	ppm ASTM D5185(m)	2	3	---
Magnesium	ppm ASTM D5185(m) 0	2	2	---
Calcium	ppm ASTM D5185(m) 113	148	159	---
Phosphorus	ppm ASTM D5185(m) 222	356	434	---
Zinc	ppm ASTM D5185(m)	54	40	---
Sulfur	ppm ASTM D5185(m) 1326	2161	2345	---
Lithium	ppm ASTM D5185(m)	<1	<1	---

CONTAMINANTS

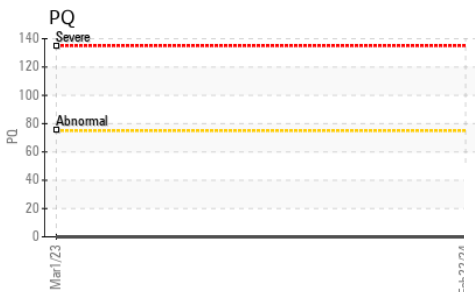
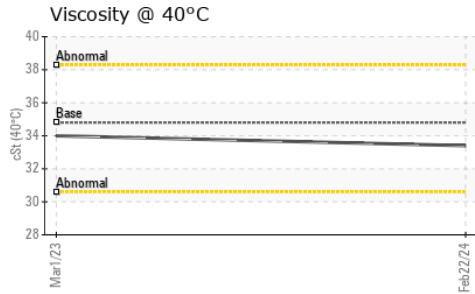
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >25	6	8	---
Sodium	ppm ASTM D5185(m)	15	17	---
Potassium	ppm ASTM D5185(m) >20	4	5	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D974* 1.4	1.64	1.61	---



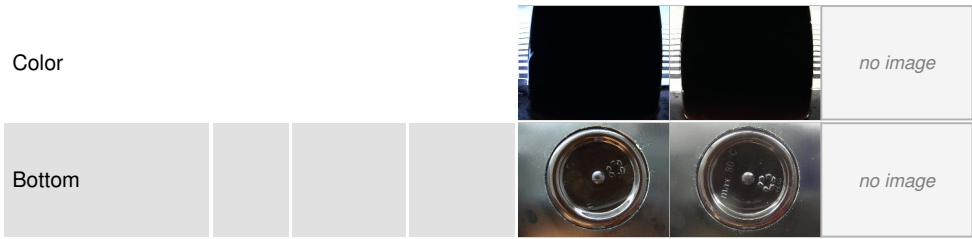
OIL ANALYSIS REPORT



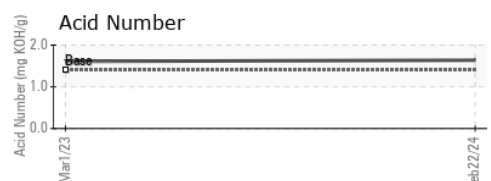
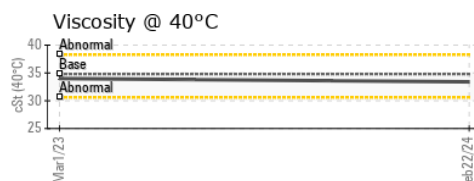
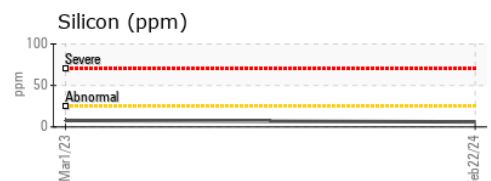
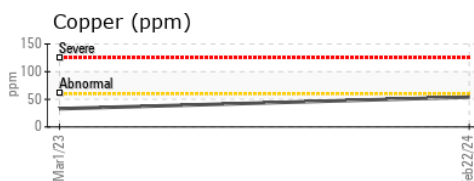
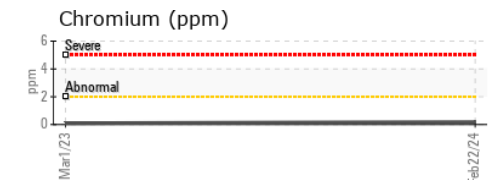
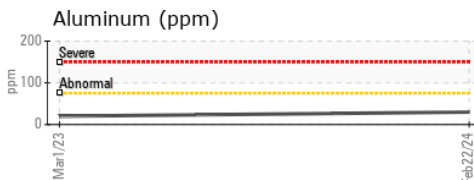
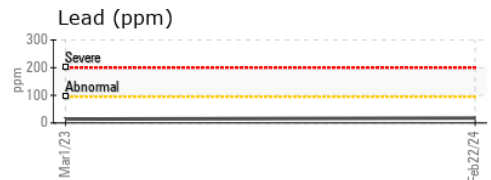
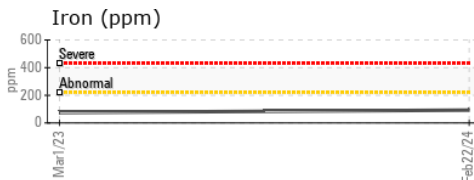
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	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)	34.8	33.4	34.0

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. : GFL0112420 **Received** : 28 Feb 2024
Lab Number : **02618734** **Tested** : 28 Feb 2024
Unique Number : 5735844 **Diagnosed** : 28 Feb 2024 - Wes Davis
Test Package : MOB 2 (Additional Tests: PQ, TAN Man)

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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.