



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
510005
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0117349	GFL0060272	---
Sample Date		Client Info		10 May 2024	20 Oct 2022	---
Machine Age	hrs	Client Info		9893	6719	---
Oil Age	hrs	Client Info		1116	1040	---
Filter Age	hrs	Client Info		1116	1040	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184*	>50	0	0	---
Iron	ppm	ASTM D5185(m)	>160	15	37	---
Chromium	ppm	ASTM D5185(m)	>5	0	0	---
Nickel	ppm	ASTM D5185(m)	>5	0	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>5	0	0	---
Aluminum	ppm	ASTM D5185(m)	>50	5	14	---
Lead	ppm	ASTM D5185(m)	>50	0	7	---
Copper	ppm	ASTM D5185(m)	>225	3	11	---
Tin	ppm	ASTM D5185(m)	>10	0	1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

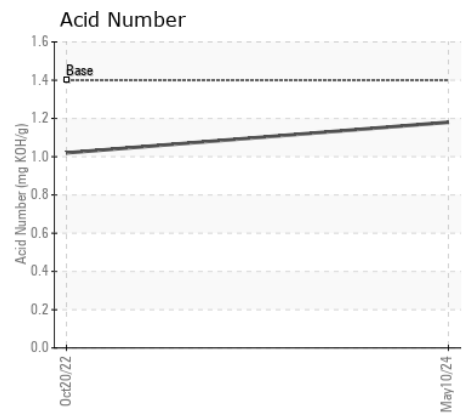
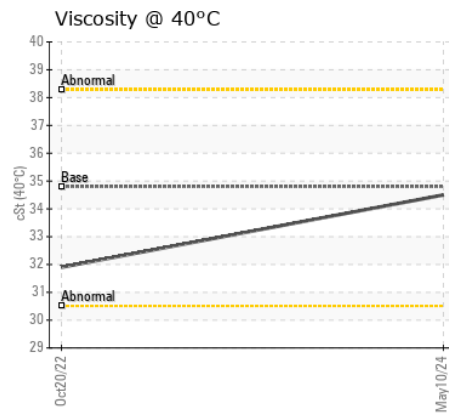
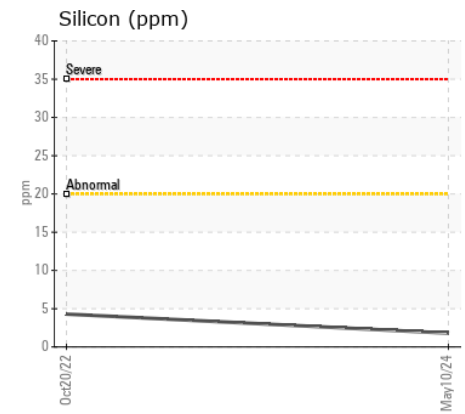
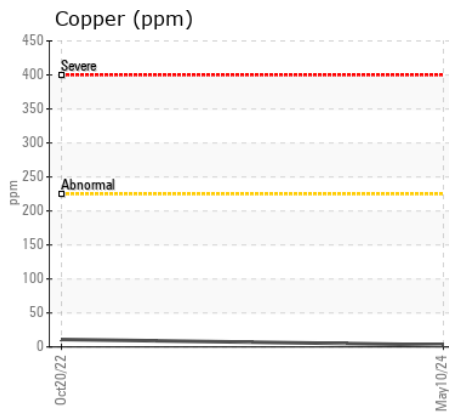
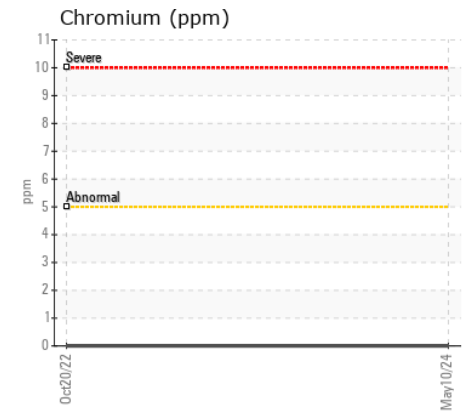
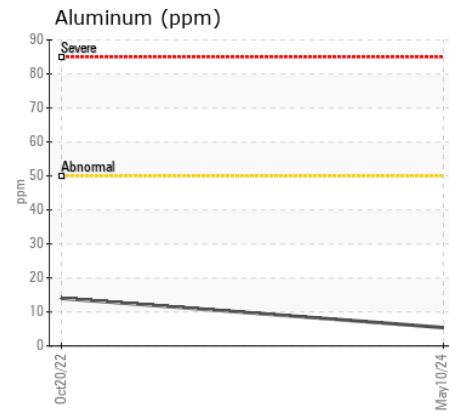
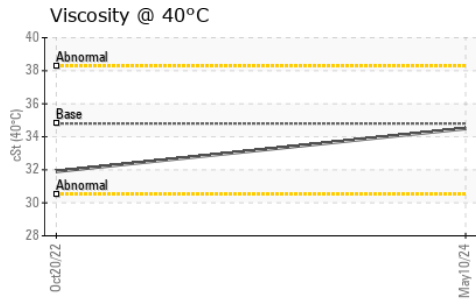
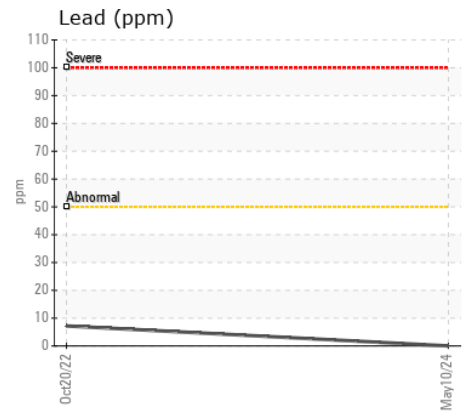
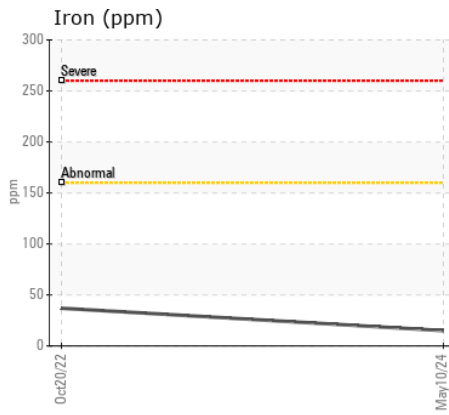
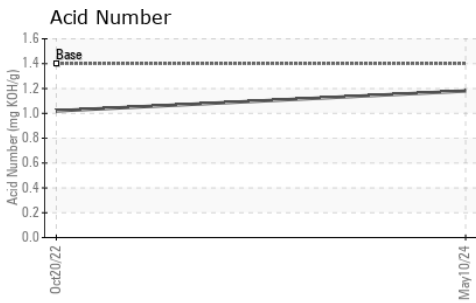
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	2	4	---
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Sodium	ppm	ASTM D5185(m)		<1	3	---
Boron	ppm	ASTM D5185(m)	78	118	81	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	---
Manganese	ppm	ASTM D5185(m)		0	<1	---
Magnesium	ppm	ASTM D5185(m)	0	1	<1	---
Calcium	ppm	ASTM D5185(m)	113	65	122	---
Phosphorus	ppm	ASTM D5185(m)	222	270	240	---
Zinc	ppm	ASTM D5185(m)		3	3	---
Sulfur	ppm	ASTM D5185(m)	1326	1029	1487	---
Acid Number (AN)	mg KOH/g	ASTM D974*	1.4	1.18	1.02	---
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	34.5	31.9	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0117349 **Received** : 28 May 2024
Lab Number : 02638153 **Tested** : 29 May 2024
Unique Number : 5787315 **Diagnosed** : 29 May 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.