

Machine Id
819010
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		GFL0117294	---	---
Sample Date		Client Info		06 May 2024	---	---
Machine Age	hrs	Client Info		7525	---	---
Oil Age	hrs	Client Info		1688	---	---
Filter Age	hrs	Client Info		1688	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184*	>50	0	---	---
Iron	ppm	ASTM D5185(m)	>160	72	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	42	---	---
Lead	ppm	ASTM D5185(m)	>50	20	---	---
Copper	ppm	ASTM D5185(m)	>225	10	---	---
Tin	ppm	ASTM D5185(m)	>10	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

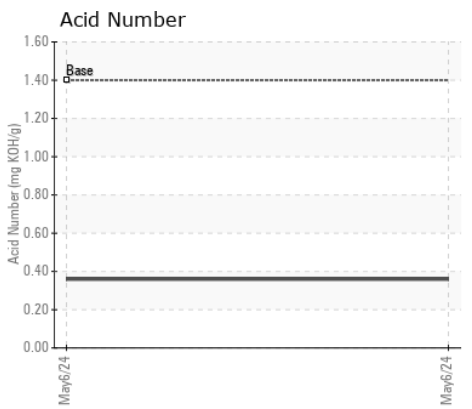
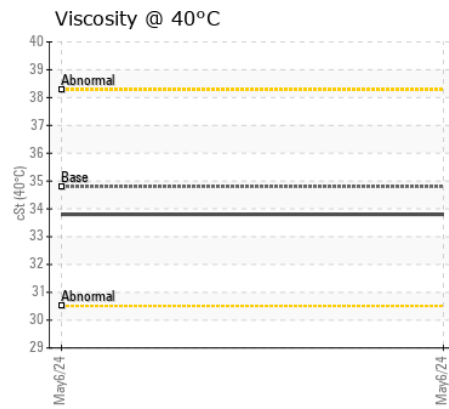
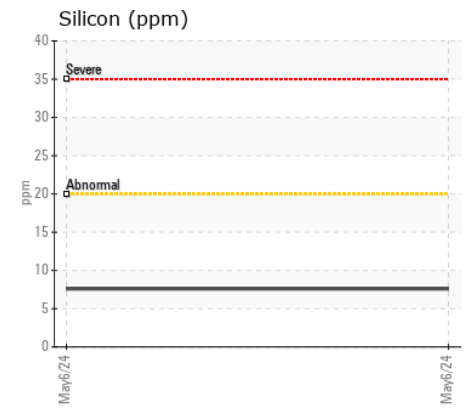
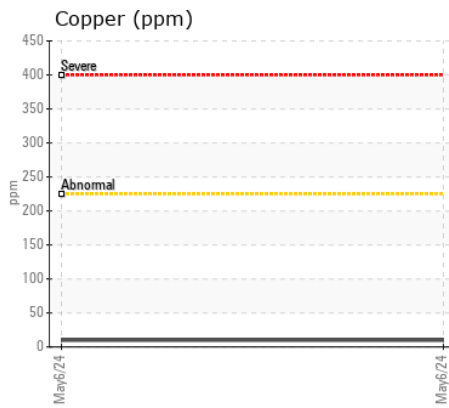
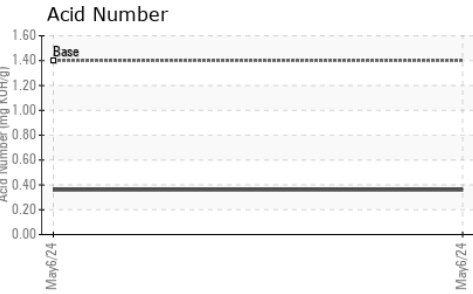
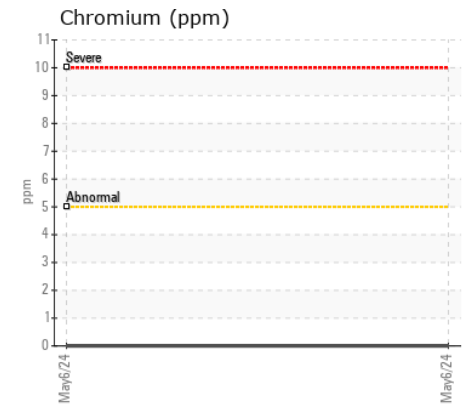
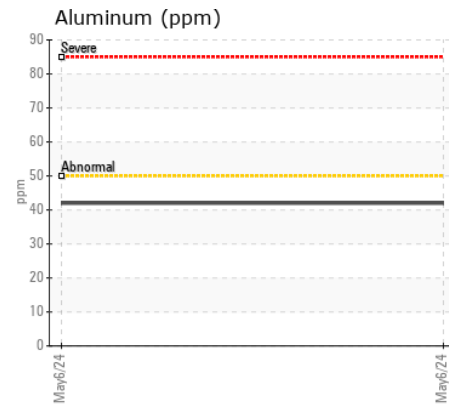
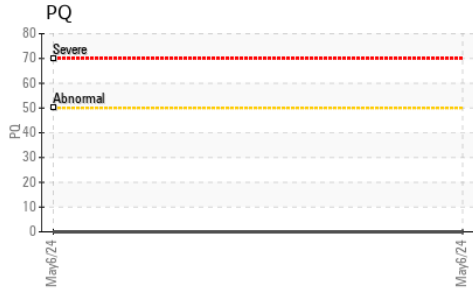
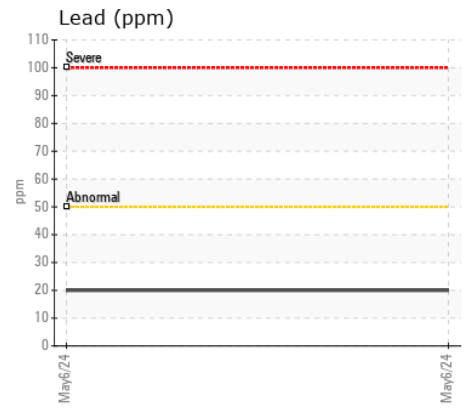
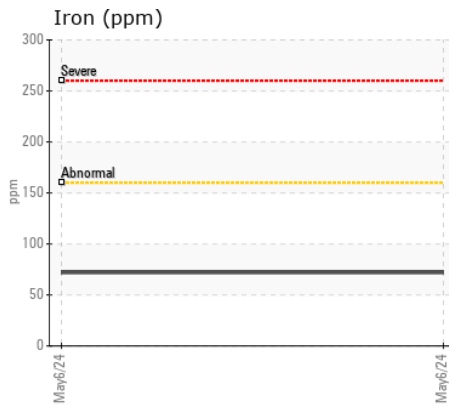
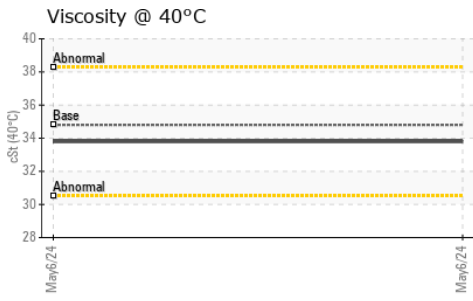
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	8	---	---
Potassium	ppm	ASTM D5185(m)	>20	4	---	---
Water		WC Method	>0.1	NEG	---	---
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	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		9	---	---
Boron	ppm	ASTM D5185(m)	78	77	---	---
Barium	ppm	ASTM D5185(m)		<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)	0	2	---	---
Calcium	ppm	ASTM D5185(m)	113	75	---	---
Phosphorus	ppm	ASTM D5185(m)	222	229	---	---
Zinc	ppm	ASTM D5185(m)		8	---	---
Sulfur	ppm	ASTM D5185(m)	1326	1029	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	1.4	0.36	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	33.8	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 550 - Rocky View County**
Sample No. : GFL0117294 **Received** : 07 May 2024 220 Carmek Blvd
Lab Number : 02633909 **Tested** : 08 May 2024 Rocky View County, AB
Unique Number : 5775062 **Diagnosed** : 09 May 2024 - Kevin Marson CA T1X 1X1
Test Package : MOB 2 (Additional Tests: PQ, TAN Man) Contact: GFL Calgary
 calgarymaintenance@gflenv.com

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.

T:
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