

Area
G.LOPES CONSTRUCTION INC./ON-ROAD

Machine Id

361

Component

Transmission (Auto)

Fluid

PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0072161	PCA0109820	---
Sample Date		Client Info		21 Feb 2024	24 Oct 2023	---
Machine Age	hrs	Client Info		75000	52000	---
Oil Age	hrs	Client Info		75000	52000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	95	72	---
Chromium	ppm	ASTM D5185m	>5	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	<1	0	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m	>5	<1	0	---
Aluminum	ppm	ASTM D5185m	>50	30	22	---
Lead	ppm	ASTM D5185m	>50	32	23	---
Copper	ppm	ASTM D5185m	>225	12	10	---
Tin	ppm	ASTM D5185m	>10	3	2	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

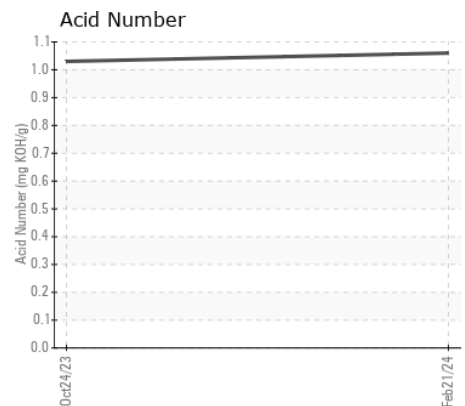
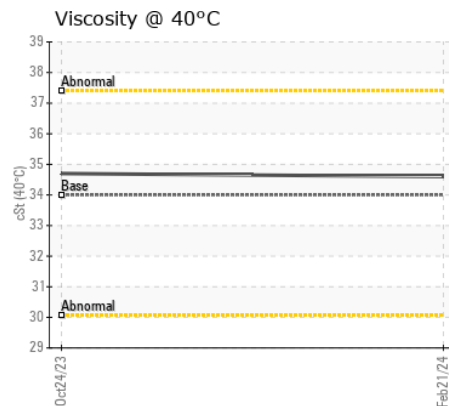
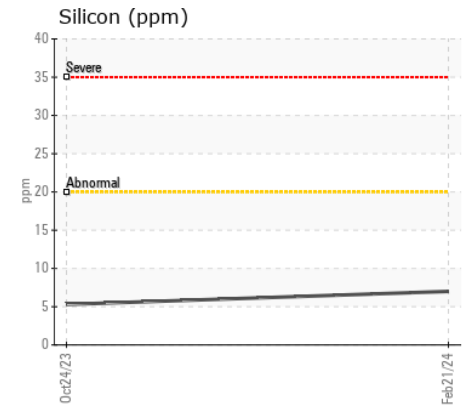
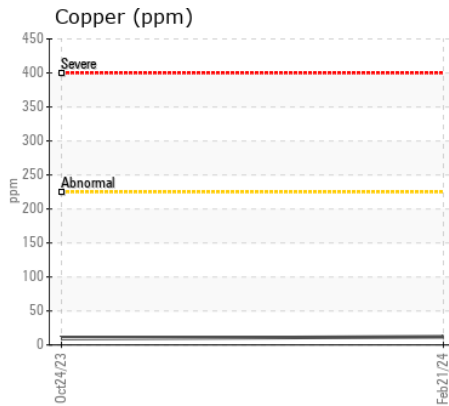
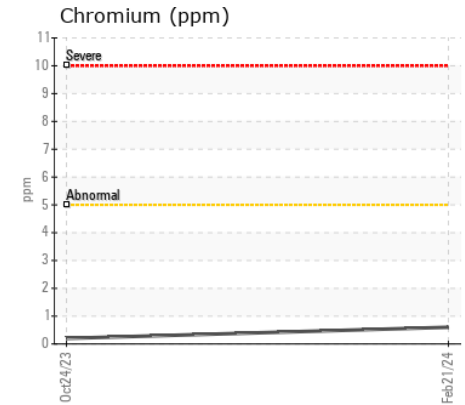
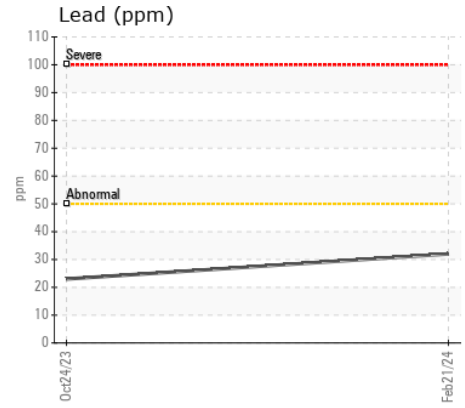
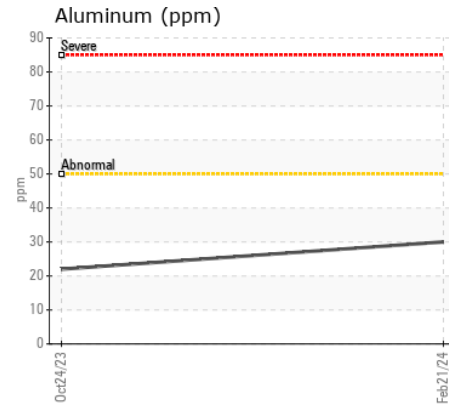
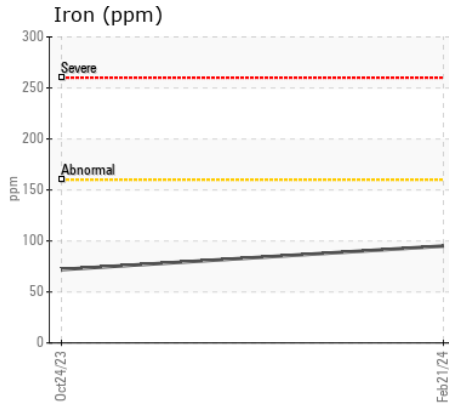
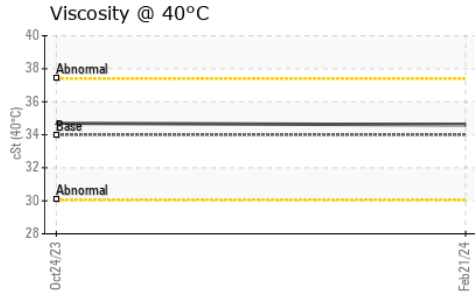
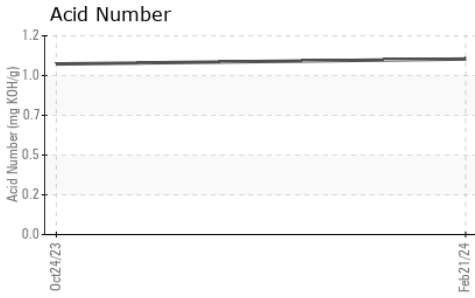
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	7	5	---
Potassium	ppm	ASTM D5185m	>20	6	7	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
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	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		4	8	---
Boron	ppm	ASTM D5185m		101	86	---
Barium	ppm	ASTM D5185m		6	0	---
Molybdenum	ppm	ASTM D5185m		2	<1	---
Manganese	ppm	ASTM D5185m		2	2	---
Magnesium	ppm	ASTM D5185m		<1	<1	---
Calcium	ppm	ASTM D5185m		64	60	---
Phosphorus	ppm	ASTM D5185m		225	235	---
Zinc	ppm	ASTM D5185m		7	7	---
Sulfur	ppm	ASTM D5185m		1270	1169	---
Acid Number (AN)	mg KOH/g	ASTM D8045		1.06	1.03	---
Visc @ 40°C	cSt	ASTM D445	34	34.6	34.7	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0072161 **Received** : 23 Feb 2024
Lab Number : 06099278 **Tested** : 26 Feb 2024
Unique Number : 10897508 **Diagnosed** : 26 Feb 2024 - Wes Davis
Test Package : MOB 2

G LOPES CONSTRUCTION
 565 WINTHROP ST
 TAUNTON, MA
 US 02780
 Contact: BUTCH MCGRATH
 bmcgrath@glopes.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: