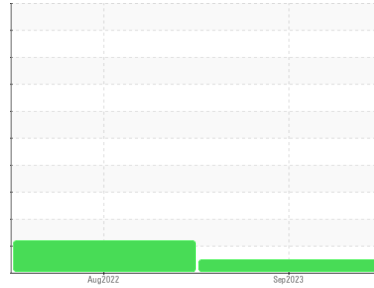


# OIL ANALYSIS REPORT



Area  
**G.LOPES CONSTRUCTION INC./Off-Road**  
Machine Id  
**L336**  
Component  
**Front Right Planetary**  
Fluid  
**PETRO CANADA TRAXON 80W90 (--- GAL)**

Sample Rating Trend



**NORMAL**



**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 oil.

**Fluid Condition**

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

**SAMPLE INFORMATION**

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PCA0104551</b>	PCA0078305	---
Sample Date	Client Info		<b>05 Sep 2023</b>	31 Aug 2022	---
Machine Age	hrs	Client Info	<b>8761</b>	7145	---
Oil Age	hrs	Client Info	<b>8761</b>	7145	---
Oil Changed	Client Info		<b>N/A</b>	N/A	---
Sample Status			<b>NORMAL</b>	ABNORMAL	---

**WEAR METALS**

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	<b>241</b>	374	---
Chromium	ppm	ASTM D5185m >10	<b>2</b>	3	---
Nickel	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m	<b>0</b>	4	---
Aluminum	ppm	ASTM D5185m >25	<b>7</b>	9	---
Lead	ppm	ASTM D5185m >25	<b>0</b>	2	---
Copper	ppm	ASTM D5185m >75	<b>26</b>	▲ 114	---
Tin	ppm	ASTM D5185m >10	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	<1	---

**ADDITIVES**

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 243	<b>2</b>	7	---
Barium	ppm	ASTM D5185m 1	<b>2</b>	1	---
Molybdenum	ppm	ASTM D5185m	<b>1</b>	4	---
Manganese	ppm	ASTM D5185m	<b>2</b>	4	---
Magnesium	ppm	ASTM D5185m 2	<b>19</b>	39	---
Calcium	ppm	ASTM D5185m 6	<b>2862</b>	2628	---
Phosphorus	ppm	ASTM D5185m 987	<b>1028</b>	949	---
Zinc	ppm	ASTM D5185m 1	<b>1240</b>	1191	---
Sulfur	ppm	ASTM D5185m 21530	<b>6352</b>	8295	---

**CONTAMINANTS**

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	<b>6</b>	7	---
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	2	---
Potassium	ppm	ASTM D5185m >20	<b>1</b>	0	---

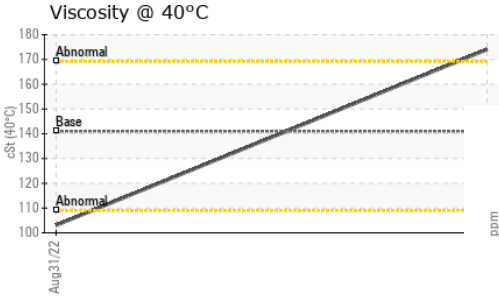
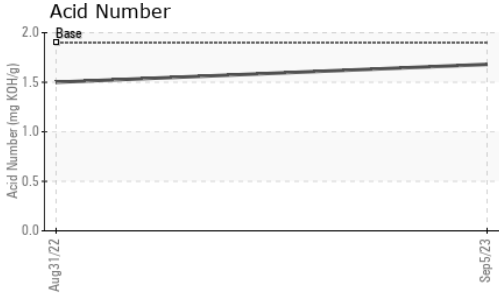
**FLUID DEGRADATION**

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 1.9	<b>1.68</b>	1.50	---

**VISUAL**

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	LIGHT	---
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual >0.2	<b>NEG</b>	NEG	---
Free Water	scalar	*Visual	<b>NEG</b>	NEG	---

# OIL ANALYSIS REPORT



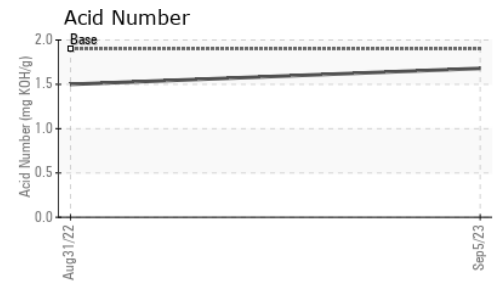
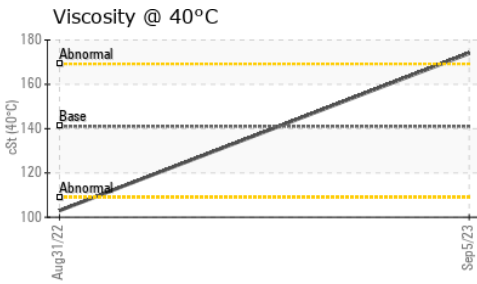
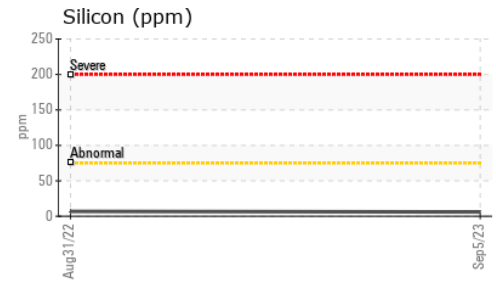
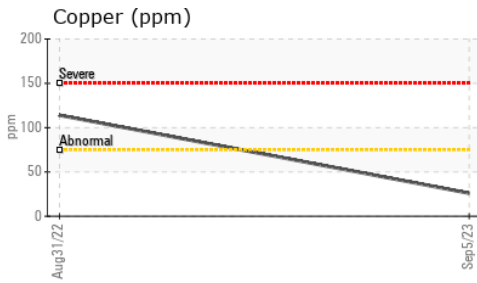
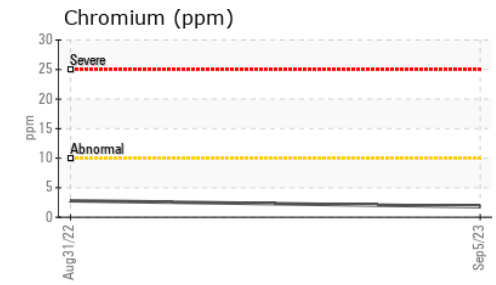
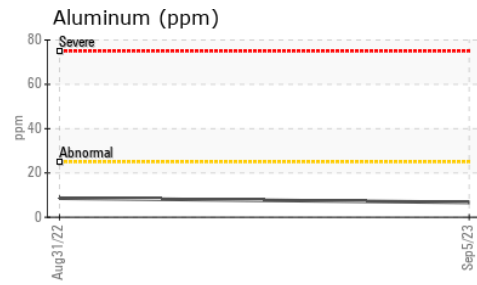
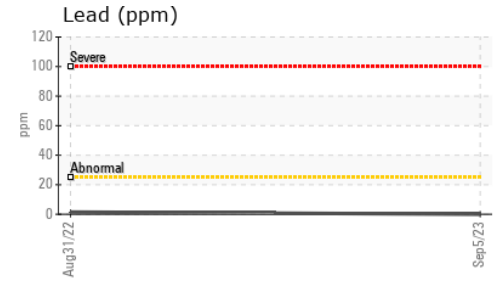
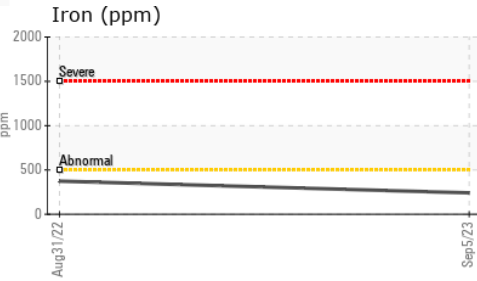
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 141.0	174	▲ 103	---

### SAMPLE IMAGES

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

### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0104551     **Received** : 07 Sep 2023  
**Lab Number** : 05944726     **Diagnosed** : 09 Sep 2023  
**Unique Number** : 10635338     **Diagnostician** : Don Baldrige  
**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)