



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id **ROBUSCHI COMPOUND (S/N 931901458)**

Component **Pump**

Fluid **PETRO CANADA ENDURATEX EP 220 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0098132	PCA0065584	---
Sample Date		Client Info		10 Jan 2024	15 Dec 2021	---
Machine Age	yrs	Client Info		0	7	---
Oil Age	yrs	Client Info		0	1	---
Filter Age	yrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>90	0	5	---
Chromium	ppm	ASTM D5185m	>5	0	0	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m	>3	0	0	---
Silver	ppm	ASTM D5185m	>3	0	0	---
Aluminum	ppm	ASTM D5185m	>7	0	<1	---
Lead	ppm	ASTM D5185m	>12	0	2	---
Copper	ppm	ASTM D5185m	>30	0	<1	---
Tin	ppm	ASTM D5185m	>9	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

**CONTAMINATION**

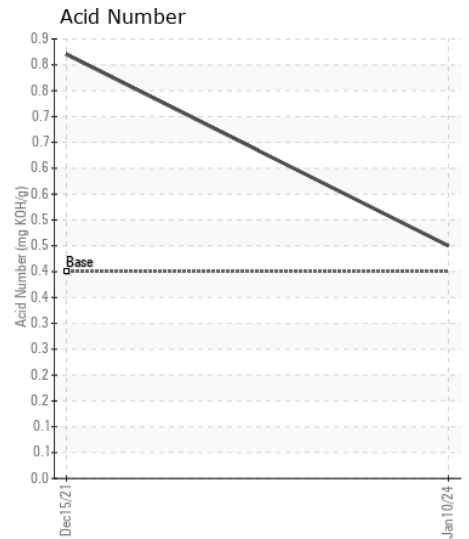
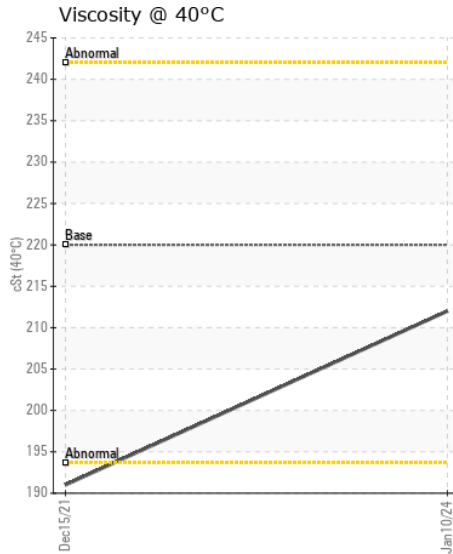
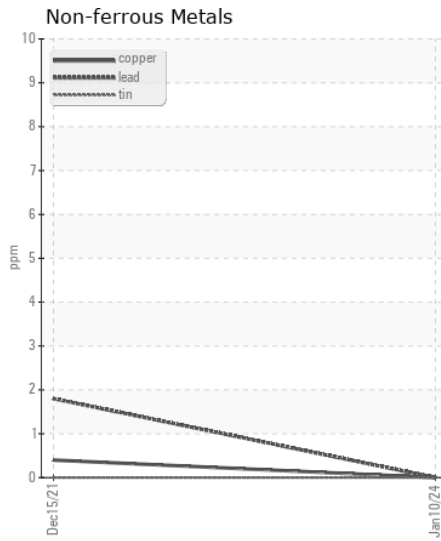
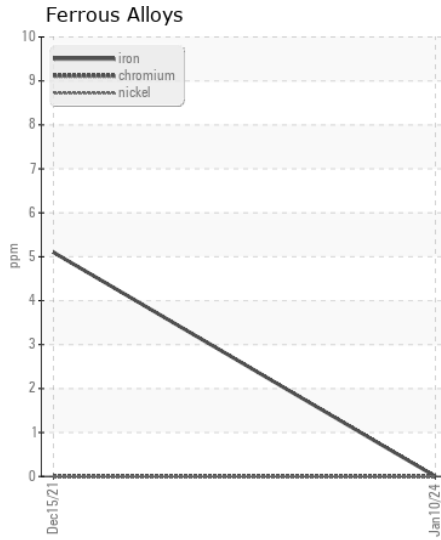
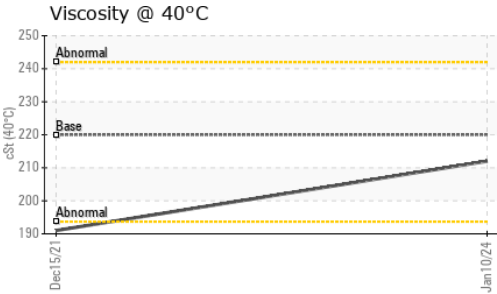
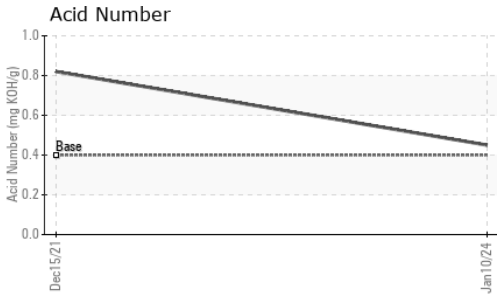
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>60	1	2	---
Potassium	ppm	ASTM D5185m	>20	<1	<1	---
Water		WC Method	>.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	LIGHT	---
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	>.1	NEG	NEG	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		0	<1	---
Boron	ppm	ASTM D5185m	60	5	18	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	0	---
Manganese	ppm	ASTM D5185m	0	0	<1	---
Magnesium	ppm	ASTM D5185m	0	0	0	---
Calcium	ppm	ASTM D5185m	0	0	14	---
Phosphorus	ppm	ASTM D5185m	270	112	410	---
Zinc	ppm	ASTM D5185m	0	11	74	---
Sulfur	ppm	ASTM D5185m	11200	2638	6037	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.40	0.45	0.82	---
Visc @ 40°C	cSt	ASTM D445	220	212	191	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0098132 **Recieved** : 11 Jan 2024  
**Lab Number** : 06058260 **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10829642 **Diagnostician** : Don Baldridge  
**Test Package** : IND 2

**CERTAINTED CORP**  
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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)