



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**GARDNER #1**

Component  
**Compressor**

Fluid  
**PETRO CANADA COMPRO XL-S COMPRESSOR FLUID 46 (100 LTR)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0057644</b>	PC0076515	---
Sample Date		Client Info		<b>07 Apr 2024</b>	27 Oct 2023	---
Machine Age	hrs	Client Info		<b>34497</b>	31714	---
Oil Age	hrs	Client Info		<b>4247</b>	7349	---
Filter Age	hrs	Client Info		<b>7148</b>	392	---
Oil Changed		Client Info		<b>N/A</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

**WEAR**

All component wear rates are normal.

PQ		ASTM D8184*		<b>0</b>	0	---
Iron	ppm	ASTM D5185(m)	>50	<b>0</b>	0	---
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>15	<b>0</b>	0	---
Lead	ppm	ASTM D5185(m)	>65	<b>0</b>	<1	---
Copper	ppm	ASTM D5185(m)	>65	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

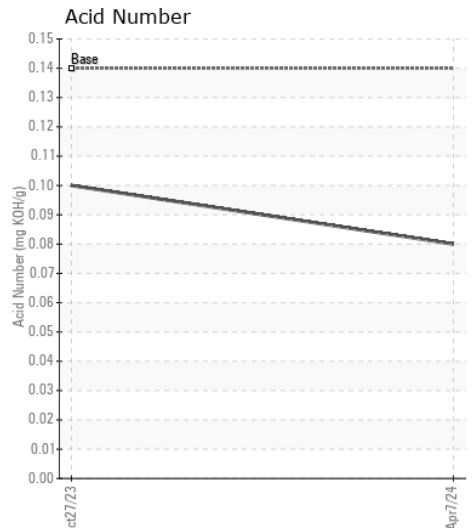
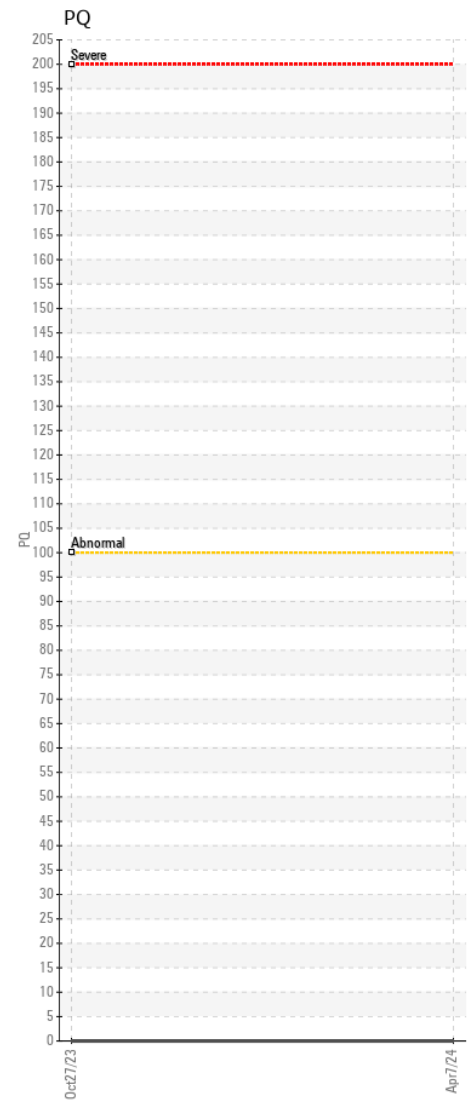
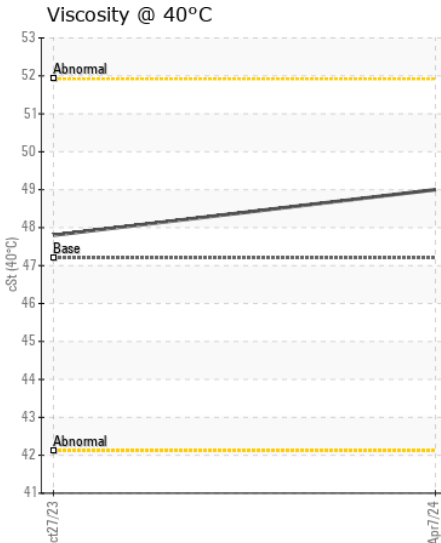
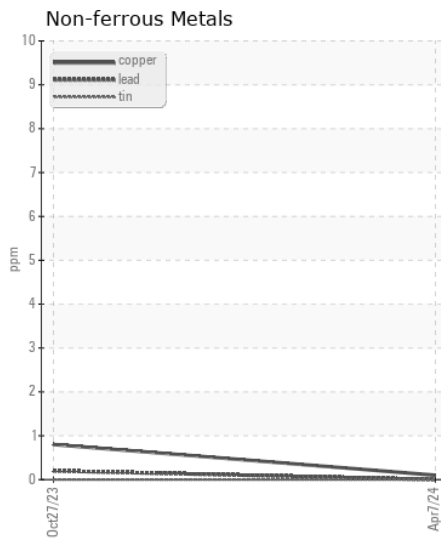
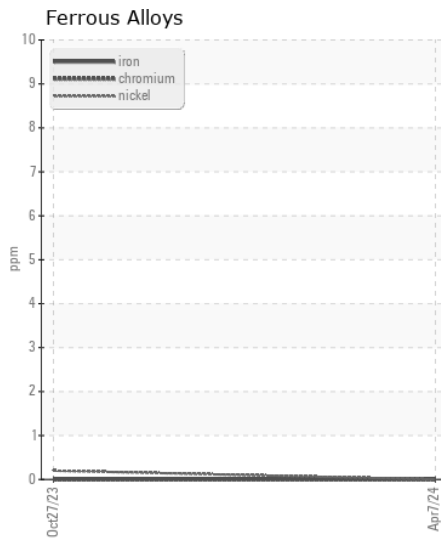
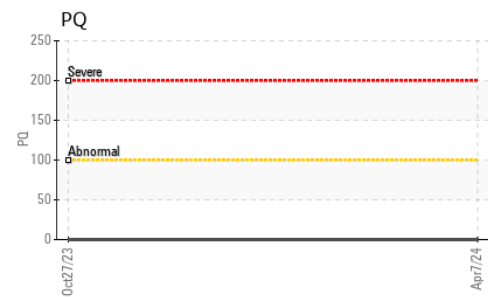
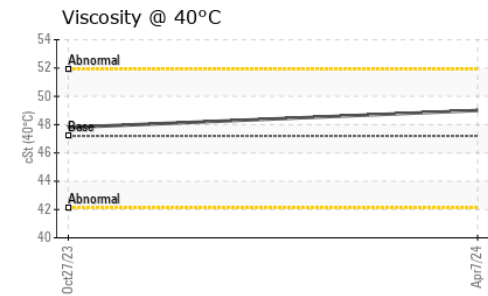
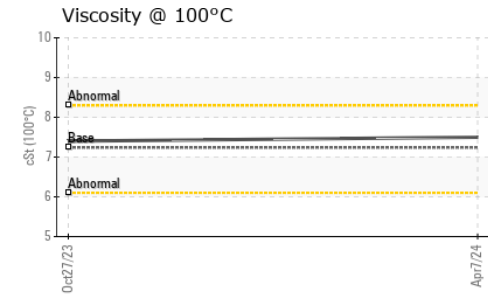
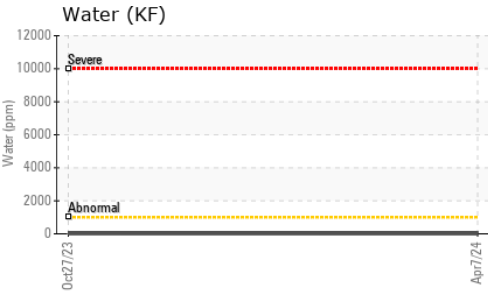
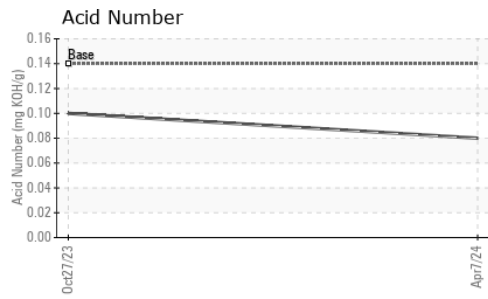
The water content is negligible. There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>35	<b>0</b>	7	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	---
Water	%	ASTM D6304*	>0.1	<b>0.001</b>	0.001	---
ppm Water	ppm	ASTM D6304*	>1000	<b>8</b>	10.3	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Boron	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Barium	ppm	ASTM D5185(m)	20	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	---
Magnesium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Calcium	ppm	ASTM D5185(m)	20	<b>0</b>	<1	---
Phosphorus	ppm	ASTM D5185(m)	320	<b>&lt;1</b>	<1	---
Zinc	ppm	ASTM D5185(m)	20	<b>&lt;1</b>	<1	---
Sulfur	ppm	ASTM D5185(m)	3000	<b>1735</b>	2488	---
Acid Number (AN)	mg KOH/g	ASTM D974*	0.14	<b>0.08</b>	0.10	---
Visc @ 40°C	cSt	ASTM D7279(m)	47.2	<b>49.0</b>	47.8	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.24	<b>7.5</b>	7.4	---
Viscosity Index (VI)	Scale	ASTM D2270*	114	<b>116</b>	117	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0057644  
**Lab Number** : 02627369  
**Unique Number** : 5760501  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, VI )  
**Received** : 08 Apr 2024  
**Tested** : 10 Apr 2024  
**Diagnosed** : 10 Apr 2024 - Wes Davis

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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.