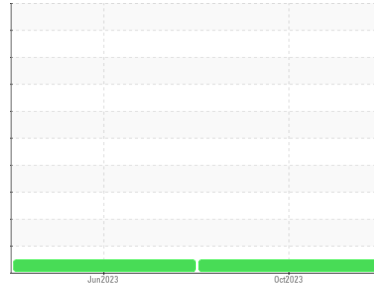


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**COMP #4**

Component  
**Compressor**

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

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

The water content is negligible. 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>PC0076517</b>	PC0076478	---
Sample Date	Client Info		<b>25 Oct 2023</b>	12 Jun 2023	---
Machine Age	hrs	Client Info	<b>78242</b>	5000	---
Oil Age	hrs	Client Info	<b>4121</b>	500	---
Oil Changed	Client Info		<b>N/A</b>	Changed	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		<b>0</b>	0	---
Iron	ppm	ASTM D5185(m) >50	<b>&lt;1</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>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185(m) >15	<b>&lt;1</b>	0	---
Lead	ppm	ASTM D5185(m) >65	<b>&lt;1</b>	0	---
Copper	ppm	ASTM D5185(m) >65	<b>&lt;1</b>	0	---
Tin	ppm	ASTM D5185(m) >10	<b>0</b>	0	---
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>&lt;1</b>	0	---
Barium	ppm	ASTM D5185(m) 20	<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Calcium	ppm	ASTM D5185(m) 20	<b>&lt;1</b>	1	---
Phosphorus	ppm	ASTM D5185(m) 320	<b>1</b>	<1	---
Zinc	ppm	ASTM D5185(m) 20	<b>&lt;1</b>	2	---
Sulfur	ppm	ASTM D5185(m) 3000	<b>2882</b>	3109	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---

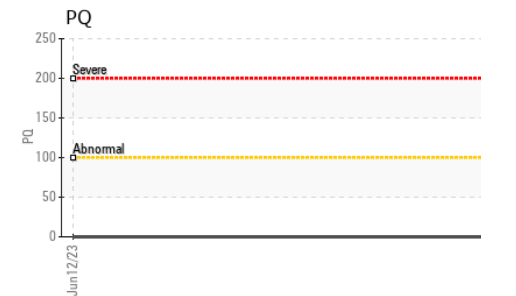
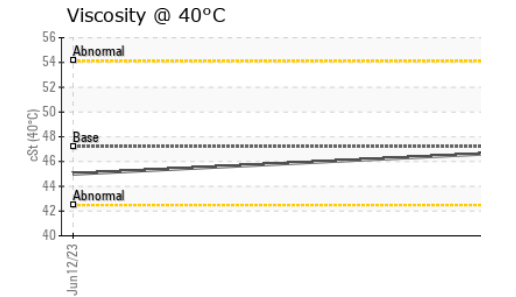
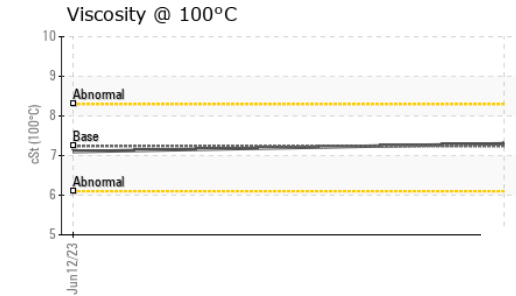
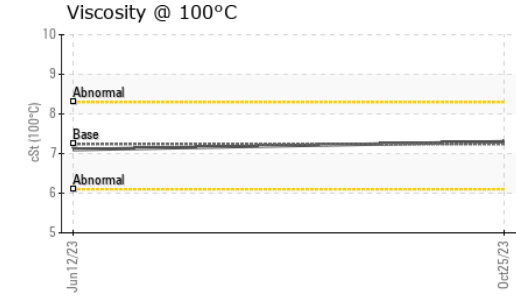
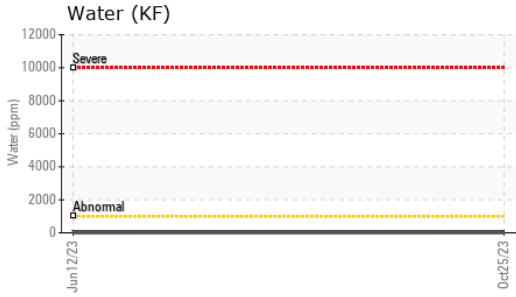
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >35	<b>8</b>	0	---
Sodium	ppm	ASTM D5185(m)	<b>&lt;1</b>	0	---
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>13.2</b>	10.8	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.14	<b>0.12</b>	0.06	---

# OIL ANALYSIS REPORT

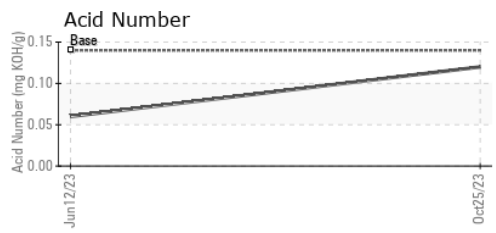
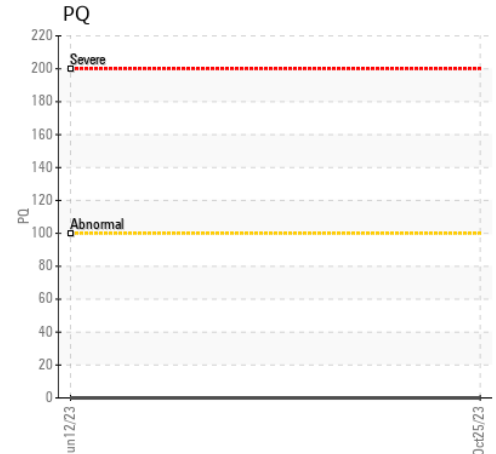
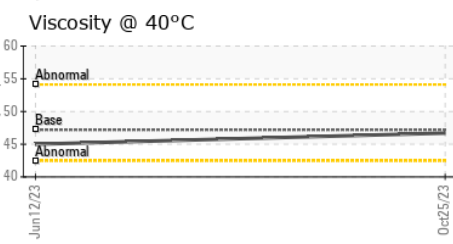
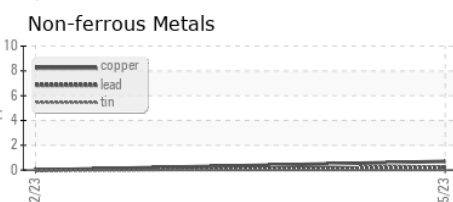


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	47.2	46.7	45.0
Visc @ 100°C	cSt	ASTM D7279(m)	7.24	7.3	7.1
Viscosity Index (VI)	Scale	ASTM D2270*	114	117	117

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CAMTAC MFG (division of Linamar)**  
**Sample No.** : PC0076517 **Received** : 31 Oct 2023  
**Lab Number** : 02592971 **Diagnosed** : 01 Nov 2023  
**Unique Number** : 5670050 **Diagnostician** : Wes Davis  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, TAN Man, VI )

148 ARROW RD  
 GUELPH, ON  
 CA N1K 1T4  
 Contact: Stu Burbidge  
 stu.burbidge@linamar.com  
 T: (519)780-2270  
 F: (519)780-2274

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.