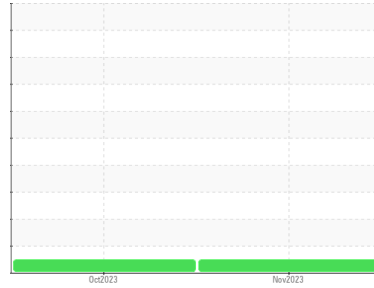


# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Machine Id  
**42**  
 Component  
**Compressor**  
 Fluid  
**PETRO CANADA SENTRON LD 3000 (--- GAL)**

### 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>PCA0111917</b>	PCA0103413	---
Sample Date	Client Info		<b>09 Nov 2023</b>	03 Oct 2023	---
Machine Age	hrs	Client Info	<b>96069</b>	95829	---
Oil Age	hrs	Client Info	<b>1605</b>	1065	---
Oil Changed		Client Info	<b>Not Changed</b>	Not Changed	---
Sample Status			<b>NORMAL</b>	NORMAL	---

### CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	---

### WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>2</b>	4	---
Chromium	ppm	ASTM D5185m >10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m	<b>0</b>	<1	---
Silver	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185m >25	<b>&lt;1</b>	0	---
Lead	ppm	ASTM D5185m >25	<b>4</b>	5	---
Copper	ppm	ASTM D5185m >50	<b>13</b>	14	---
Tin	ppm	ASTM D5185m >15	<b>6</b>	6	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	---

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 5	<b>&lt;1</b>	<1	---
Barium	ppm	ASTM D5185m 1	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m 2	<b>&lt;1</b>	2	---
Manganese	ppm	ASTM D5185m 1	<b>&lt;1</b>	0	---
Magnesium	ppm	ASTM D5185m 5	<b>17</b>	16	---
Calcium	ppm	ASTM D5185m 1220	<b>1344</b>	1300	---
Phosphorus	ppm	ASTM D5185m 298	<b>287</b>	282	---
Zinc	ppm	ASTM D5185m 350	<b>351</b>	363	---
Sulfur	ppm	ASTM D5185m 1995	<b>2508</b>	3028	---

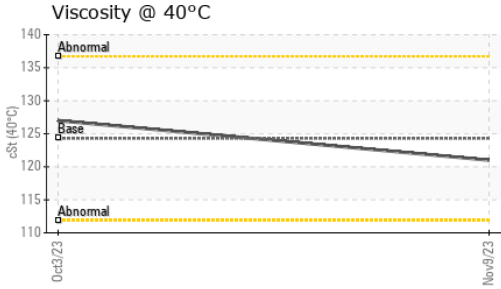
### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>1</b>	2	---
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	3	---

### FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.86	<b>0.31</b>	0.841	---

# OIL ANALYSIS REPORT

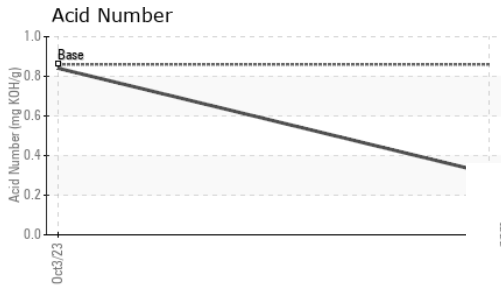


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

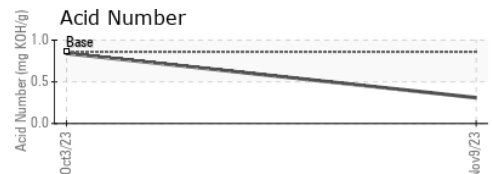
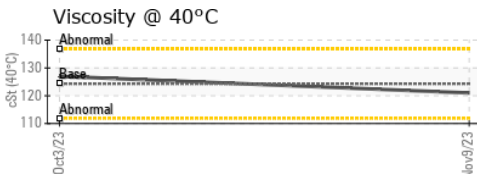
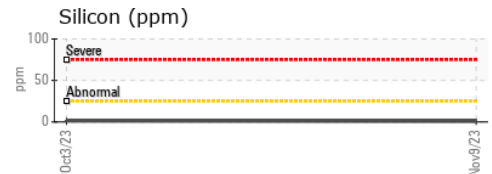
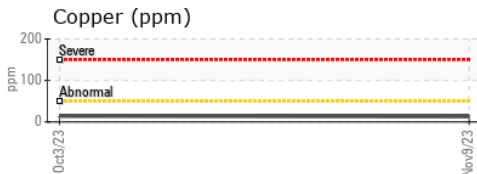
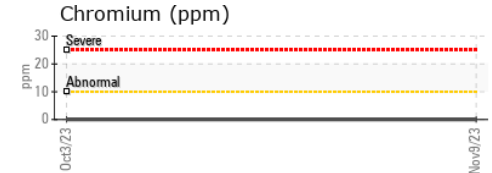
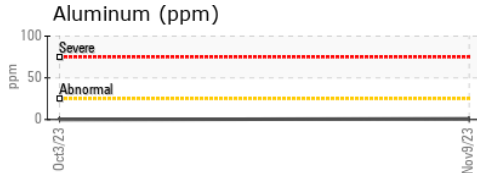
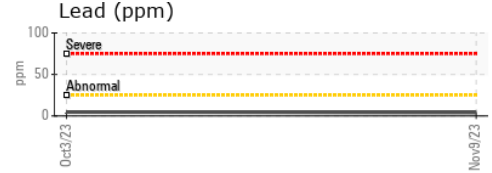
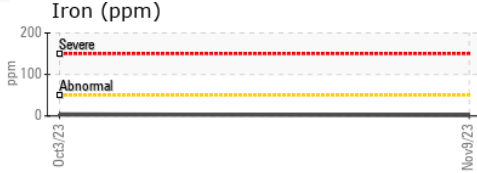
FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	124.3	<b>121</b>	127.0

SAMPLE IMAGES	method	limit/base	current	history1	history2
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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.** : PCA0111917 **Received** : 16 Nov 2023  
**Lab Number** : 06010234 **Diagnosed** : 20 Nov 2023  
**Unique Number** : 10749378 **Diagnostician** : Don Baldrige  
**Test Package** : MOB 2 ( Additional Tests: FuelDilution )

**ENERVEST OPERATING - HAYS BOOSTER**  
 1705 BREAKS PARK ROAD  
 HAYS1, VA  
 US 24256  
 Contact: Service Manager

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: