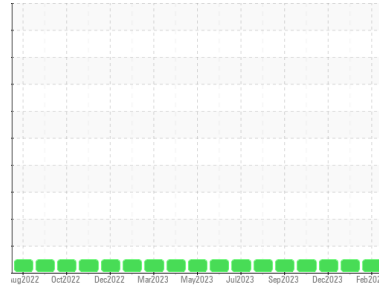


# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Machine Id  
**Nancy 2**

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 component.

#### 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>PCA0111880</b>	PCA0111883	PCA0111885	
Sample Date	Client Info	<b>06 Feb 2024</b>	02 Jan 2024	01 Dec 2023	
Machine Age	hrs	Client Info	<b>160916</b>	160074	159307
Oil Age	hrs	Client Info	<b>39219</b>	38377	37610
Oil Changed	Client Info	<b>Not Changed</b>	Not Changd	Not Changed	
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL	

### CONTAMINATION

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

### WEAR METALS

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

### ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 5	<b>0</b>	0	0
Barium	ppm ASTM D5185m 1	<b>0</b>	0	11
Molybdenum	ppm ASTM D5185m 2	<b>0</b>	<1	<1
Manganese	ppm ASTM D5185m 1	<b>&lt;1</b>	0	<1
Magnesium	ppm ASTM D5185m 5	<b>10</b>	8	6
Calcium	ppm ASTM D5185m 1220	<b>1175</b>	1269	1298
Phosphorus	ppm ASTM D5185m 298	<b>280</b>	309	288
Zinc	ppm ASTM D5185m 350	<b>321</b>	318	322
Sulfur	ppm ASTM D5185m 1995	<b>2261</b>	2495	3302

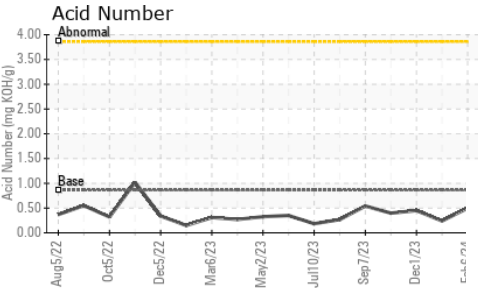
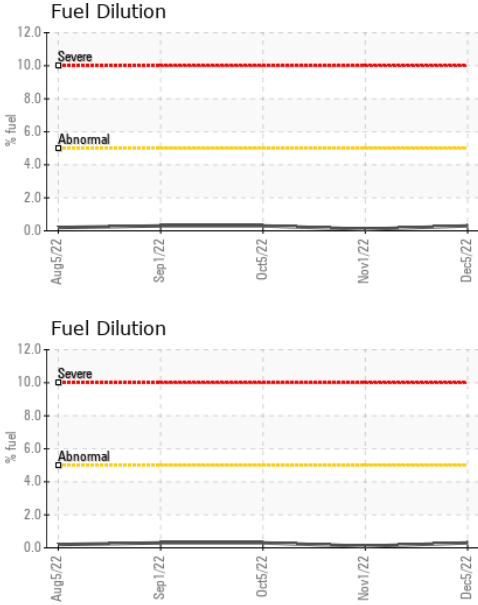
### CONTAMINANTS

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

### FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045 0.86	<b>0.50</b>	0.24	0.45

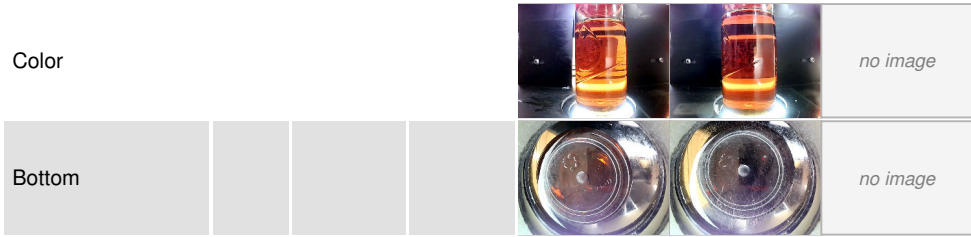
# OIL ANALYSIS REPORT



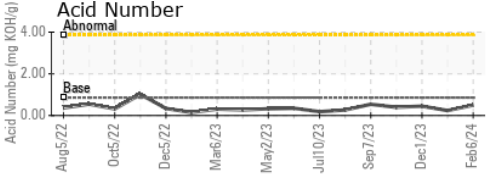
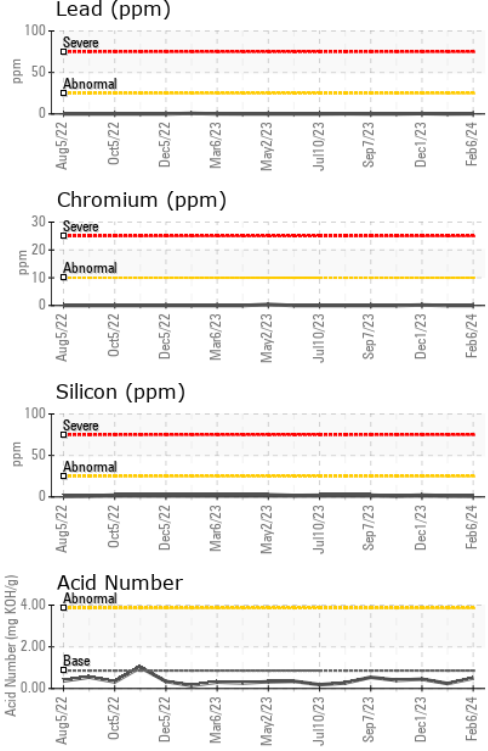
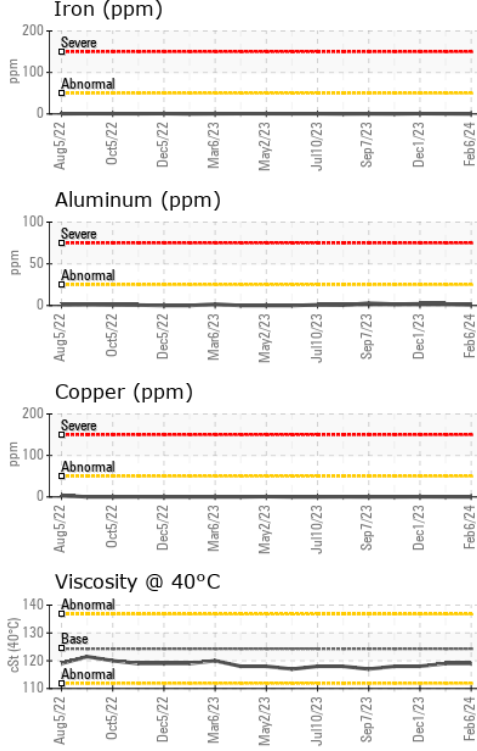
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	124.3	119	118

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0111880  
**Lab Number** : 06092404  
**Unique Number** : 10885257  
**Test Package** : MOB 2 ( Additional Tests: FuelDilution )

**ENERVEST OPERATING - NANCY**  
 2466 NANCY HOLLOW  
 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)

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F: