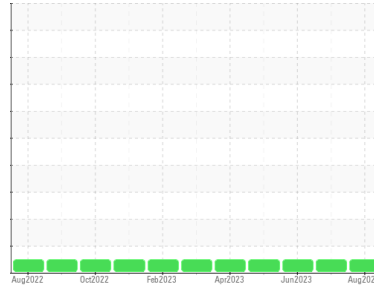


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**Hurricane Creek 1**

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>PCA0092106</b>	PCA0092110	PCA0092103
Sample Date	Client Info	<b>03 Aug 2023</b>	10 Jul 2023	05 Jun 2023
Machine Age	hrs Client Info	<b>126296</b>	125734	124896
Oil Age	hrs Client Info	<b>0</b>	15584	2632
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## WEAR METALS

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

## 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	0
Molybdenum ppm ASTM D5185m	2	<b>&lt;1</b>	1	1
Manganese ppm ASTM D5185m	1	<b>&lt;1</b>	0	<1
Magnesium ppm ASTM D5185m	5	<b>9</b>	9	11
Calcium ppm ASTM D5185m	1220	<b>1270</b>	1312	1242
Phosphorus ppm ASTM D5185m	298	<b>276</b>	286	288
Zinc ppm ASTM D5185m	350	<b>328</b>	352	354
Sulfur ppm ASTM D5185m	1995	<b>2712</b>	3018	2908

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>25	<b>2</b>	1	2
Sodium ppm ASTM D5185m		<b>&lt;1</b>	<1	0
Potassium ppm ASTM D5185m	>20	<b>0</b>	0	0
Fuel % ASTM D3524		<b>---</b>	---	0.3

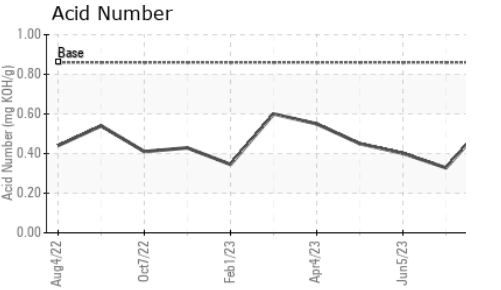
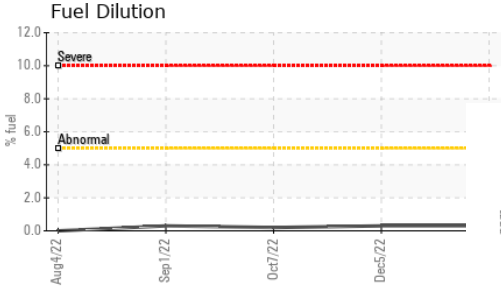
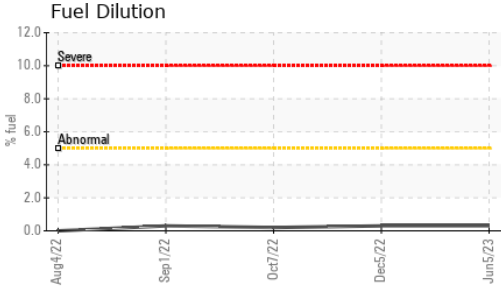
## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045	0.86	<b>0.57</b>	0.328	0.401

## VISUAL

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

# OIL ANALYSIS REPORT

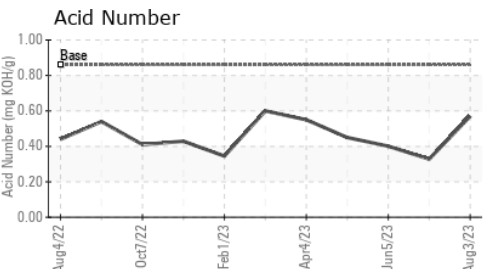
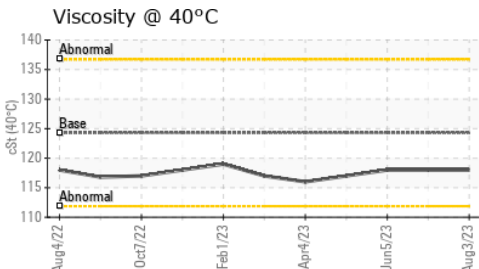
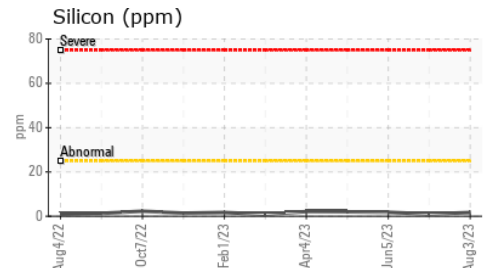
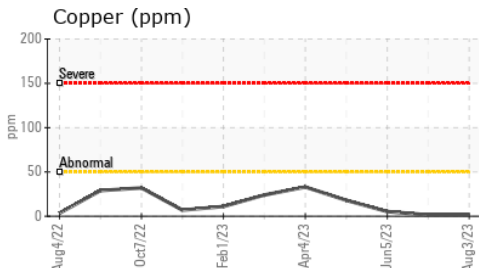
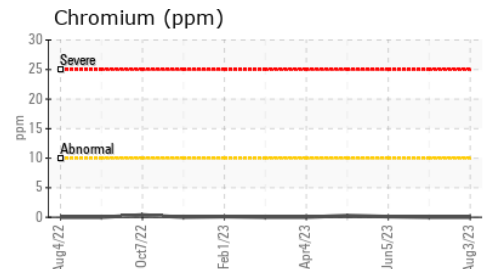
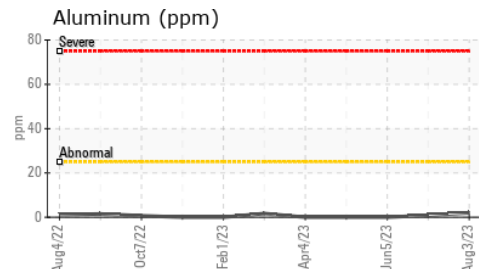
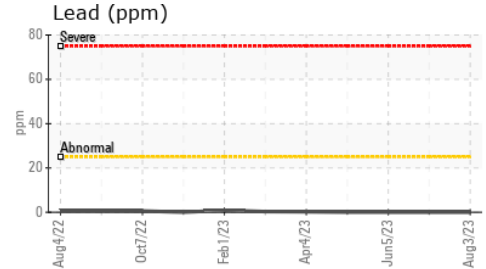
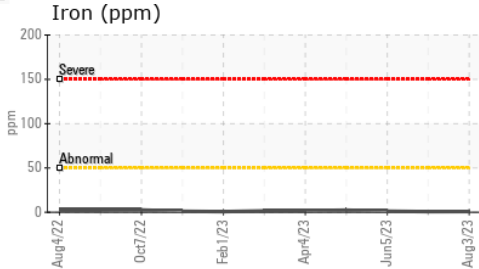


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	124.3	<b>118</b>	118	118

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

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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0092106 **Received** : 11 Aug 2023  
**Lab Number** : 05922893 **Diagnosed** : 15 Aug 2023  
**Unique Number** : 10602840 **Diagnostician** : Don Baldrige  
**Test Package** : MOB 2 ( Additional Tests: FuelDilution )

**ENERVEST OPERATING - HURRICANE**  
 2830 LAUREL BRANCH ROAD  
 VANSANT, VA  
 US 24656  
 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: