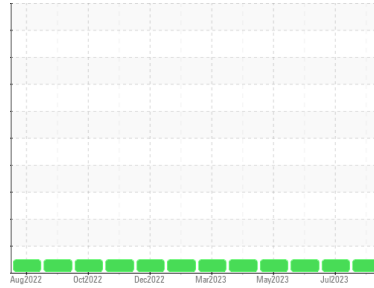


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**Hurricane Creek 3**

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>PCA0092105</b>	PCA0092113	PCA0092101
Sample Date	Client Info	<b>03 Aug 2023</b>	10 Jul 2023	05 Jun 2023
Machine Age	hrs Client Info	<b>138788</b>	138215	137380
Oil Age	hrs Client Info	<b>24010</b>	19158	18323
Oil Changed	Client Info	<b>N/A</b>	Not Changd	Not Changd
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>50	<b>3</b>	3	4
Chromium ppm ASTM D5185m	>10	<b>0</b>	0	0
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>	<1	0
Aluminum ppm ASTM D5185m	>25	<b>2</b>	1	<1
Lead ppm ASTM D5185m	>25	<b>&lt;1</b>	1	0
Copper ppm ASTM D5185m	>50	<b>8</b>	10	9
Tin ppm ASTM D5185m	>15	<b>1</b>	2	2
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>&lt;1</b>	<1	0
Barium ppm ASTM D5185m	1	<b>0</b>	1	0
Molybdenum ppm ASTM D5185m	2	<b>2</b>	3	3
Manganese ppm ASTM D5185m	1	<b>&lt;1</b>	0	<1
Magnesium ppm ASTM D5185m	5	<b>24</b>	27	31
Calcium ppm ASTM D5185m	1220	<b>1396</b>	1434	1395
Phosphorus ppm ASTM D5185m	298	<b>288</b>	293	307
Zinc ppm ASTM D5185m	350	<b>353</b>	374	381
Sulfur ppm ASTM D5185m	1995	<b>2964</b>	2965	3185

## 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>	0	<1
Potassium ppm ASTM D5185m	>20	<b>0</b>	1	0
Fuel % ASTM D3524		<b>---</b>	---	0.2

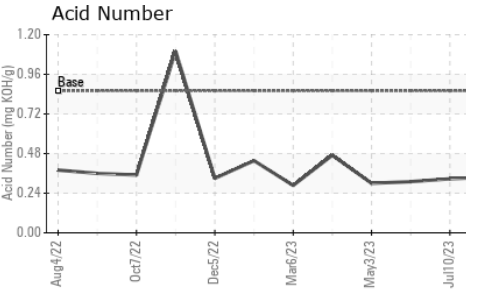
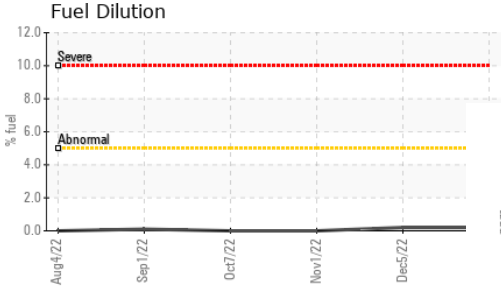
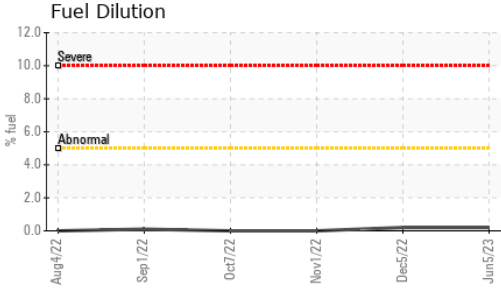
## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045	0.86	<b>0.337</b>	0.327	0.31

## 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



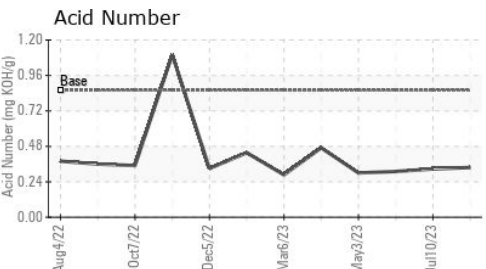
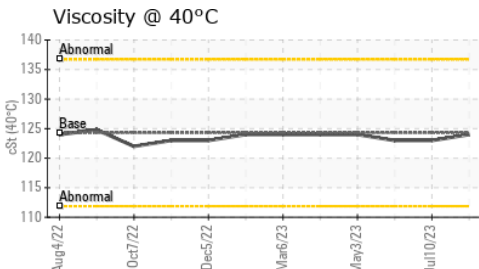
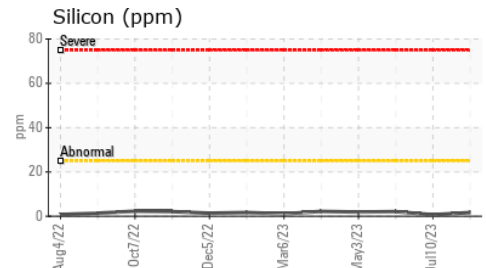
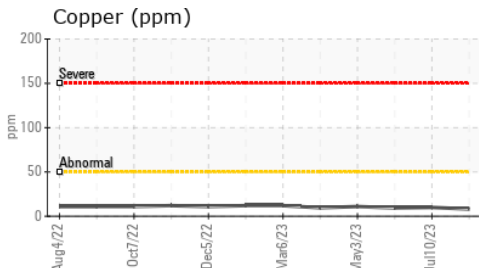
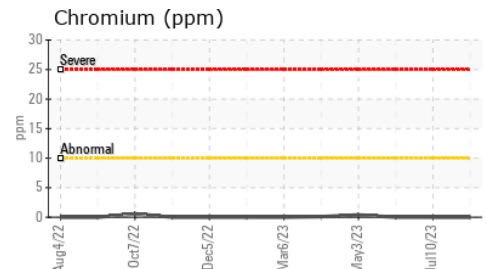
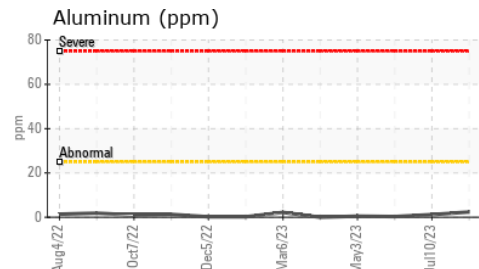
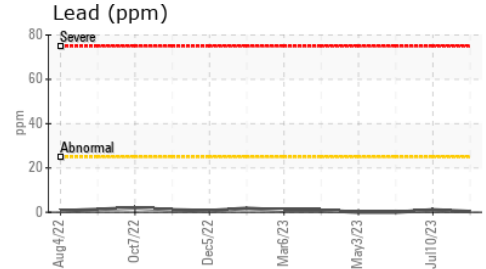
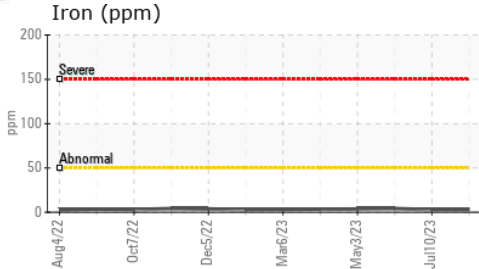
## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	124.3	124	123

## SAMPLE IMAGES

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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0092105 **Received** : 11 Aug 2023  
**Lab Number** : 05922892 **Diagnosed** : 15 Aug 2023  
**Unique Number** : 10602839 **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: