

Machine Id  
**Hurricane Creek 1**  
Component  
**Compressor**  
Fluid  
**PETRO CANADA SENTRON LD 3000 (--- GAL)**

**RECOMMENDATION**

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

**WEAR**

All component wear rates are normal.

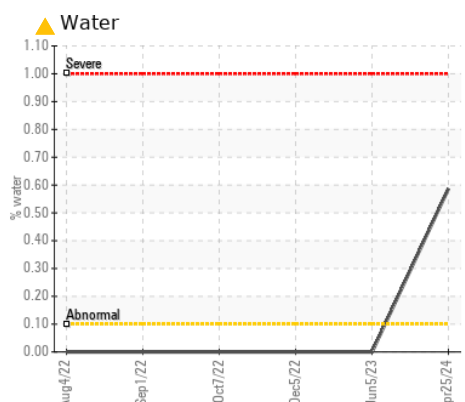
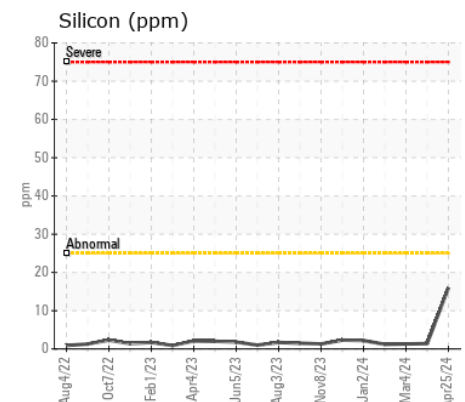
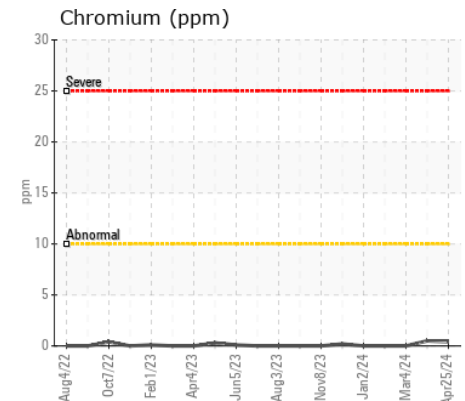
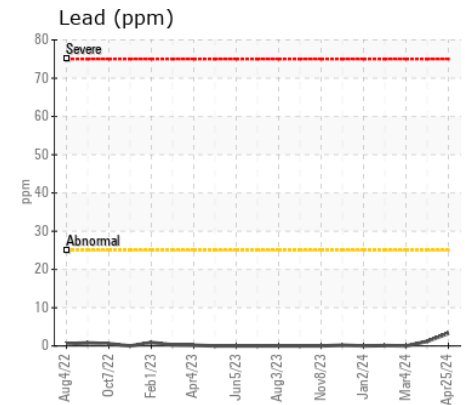
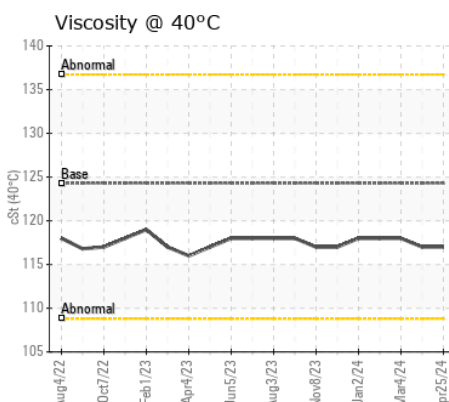
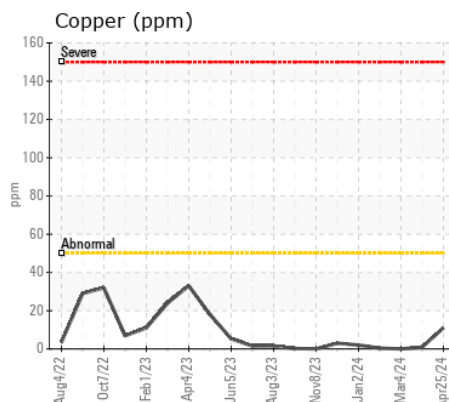
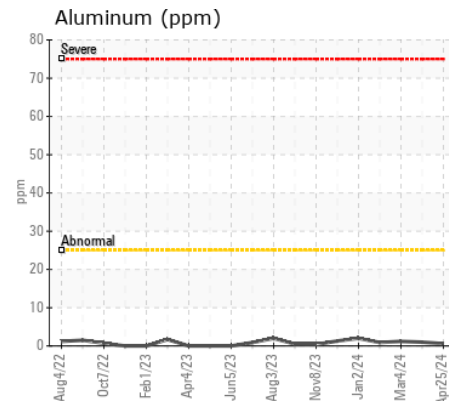
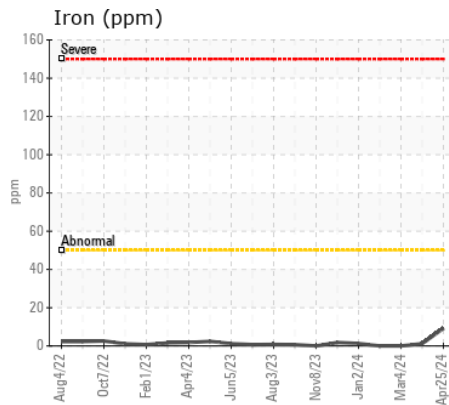
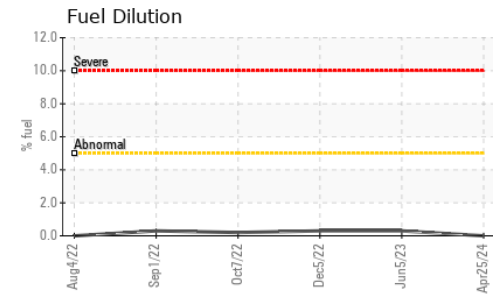
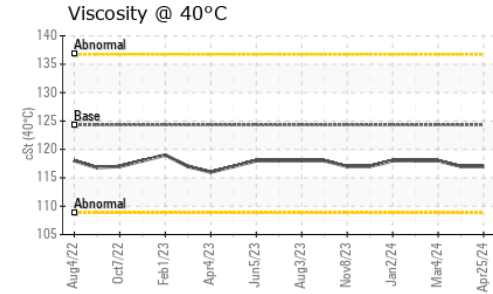
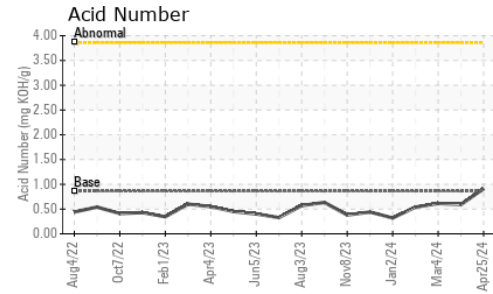
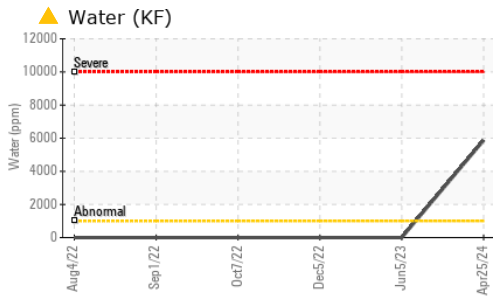
**CONTAMINATION**

There is a moderate concentration of water present in the oil.

**FLUID CONDITION**

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0117229</b>	PCA0111997	PCA0112004
Sample Date		Client Info		<b>25 Apr 2024</b>	02 Apr 2024	04 Mar 2024
Machine Age	hrs	Client Info		<b>132595</b>	132091	131398
Oil Age	hrs	Client Info		<b>0</b>	21941	21248
Filter Age	hrs	Client Info		<b>0</b>	21941	21248
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	<b>9</b>	1	0
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	1	1
Lead	ppm	ASTM D5185m	>25	<b>3</b>	1	0
Copper	ppm	ASTM D5185m	>50	<b>11</b>	<1	0
Tin	ppm	ASTM D5185m	>15	<b>4</b>	1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	<b>16</b>	1	1
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	1	<1
Water	%	ASTM D6304	>0.1	<b>▲ 0.587</b>	---	---
ppm Water	ppm	ASTM D6304	>1000	<b>▲ 5870</b>	---	---
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>● HAZY</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>▲ 0.2%</b>	NEG	NEG
Sodium	ppm	ASTM D5185m		<b>12</b>	0	2
Boron	ppm	ASTM D5185m	5	<b>4</b>	0	0
Barium	ppm	ASTM D5185m	1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	2	<b>2</b>	2	0
Manganese	ppm	ASTM D5185m	1	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	5	<b>12</b>	7	9
Calcium	ppm	ASTM D5185m	1220	<b>1207</b>	1222	1184
Phosphorus	ppm	ASTM D5185m	298	<b>284</b>	291	267
Zinc	ppm	ASTM D5185m	350	<b>345</b>	325	330
Sulfur	ppm	ASTM D5185m	1995	<b>2715</b>	2605	2236
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	<b>0.91</b>	0.59	0.614
Visc @ 40°C	cSt	ASTM D445	124.3	<b>117</b>	117	118



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0117229  
**Lab Number** : 06174024  
**Unique Number** : 11020077  
**Test Package** : MOB 2 ( Additional Tests: FuelDilution, KF )

**Received** : 09 May 2024  
**Tested** : 16 May 2024  
**Diagnosed** : 16 May 2024 - Sean Felton

**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: