

Machine Id  
**Hurricane Creek 2**  
Component  
**Compressor**  
Fluid  
**PETRO CANADA SENTRON LD 3000 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0117216</b>	PCA0117210	PCA0117098
Sample Date		Client Info		<b>10 Jul 2024</b>	03 Jun 2024	02 May 2024
Machine Age	hrs	Client Info		<b>163727</b>	162887	162118
Oil Age	hrs	Client Info		<b>37107</b>	36267	25498
Filter Age	hrs	Client Info		<b>12163</b>	11323	10554
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>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<b>1</b>	2	1
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m		<b>&lt;1</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>2</b>	2	<1
Lead	ppm	ASTM D5185m	>25	<b>0</b>	3	1
Copper	ppm	ASTM D5185m	>50	<b>6</b>	4	<1
Tin	ppm	ASTM D5185m	>15	<b>0</b>	1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

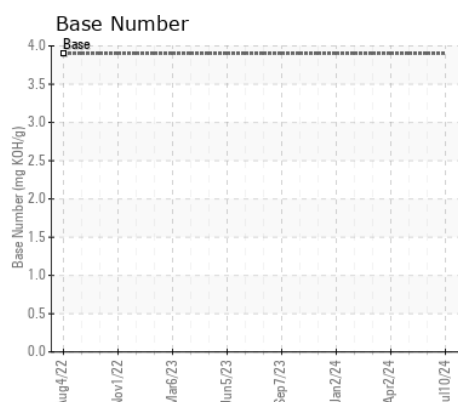
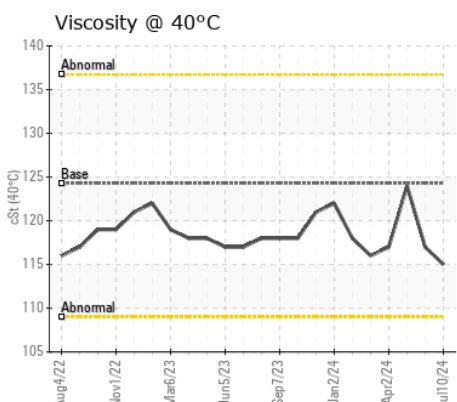
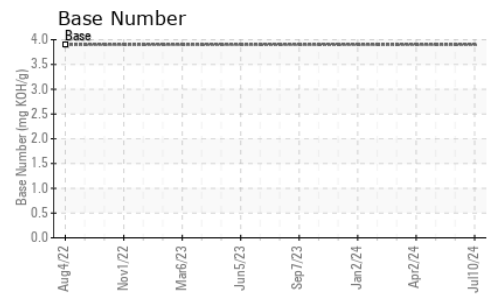
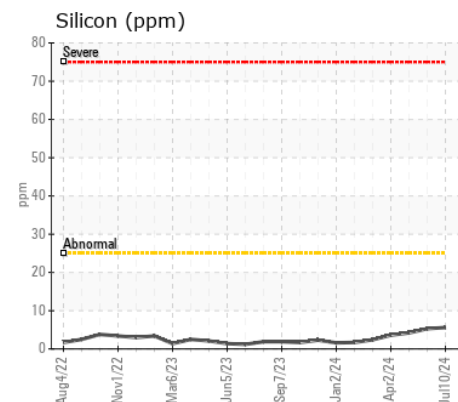
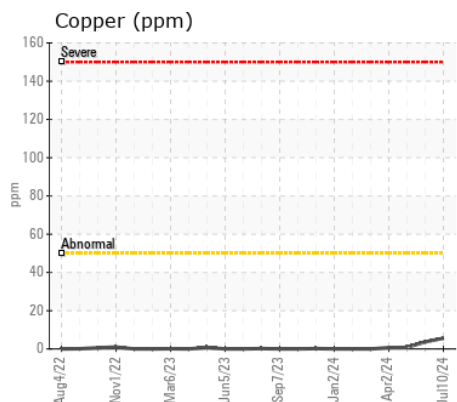
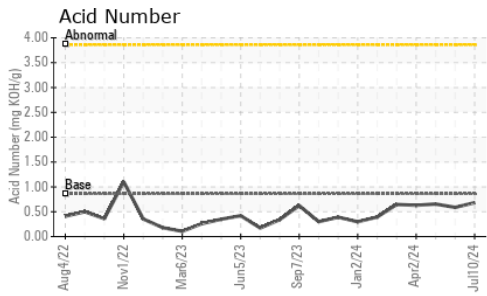
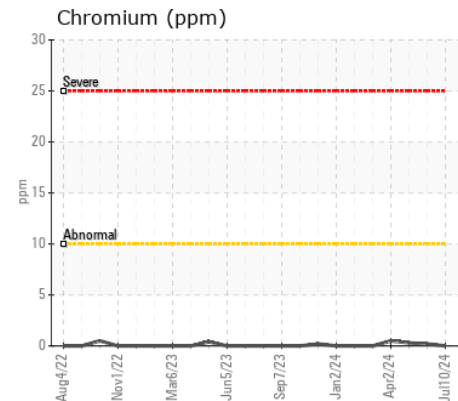
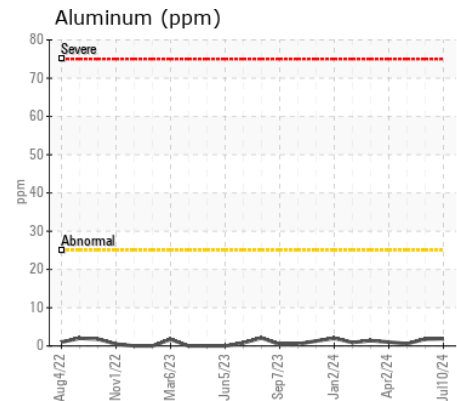
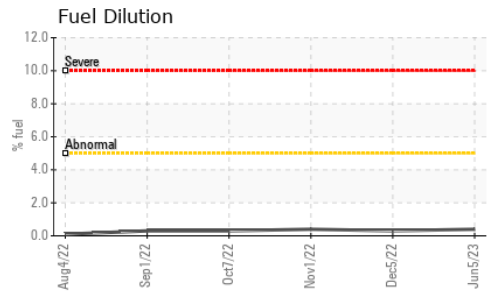
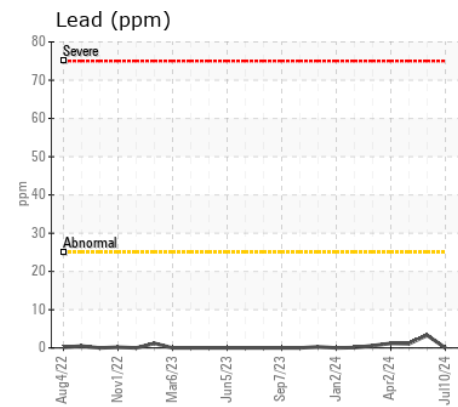
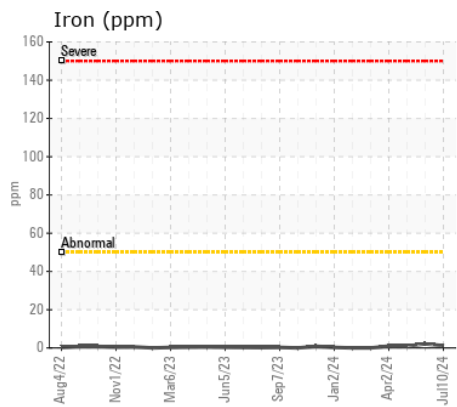
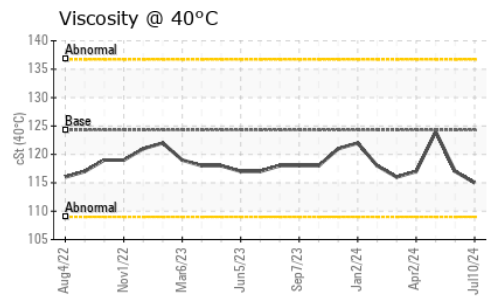
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>25	<b>6</b>	5	4
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	5	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	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

**FLUID CONDITION**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		<b>3</b>	2	0
Boron	ppm	ASTM D5185m	5	<b>1</b>	0	1
Barium	ppm	ASTM D5185m	1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	2	<b>&lt;1</b>	3	2
Manganese	ppm	ASTM D5185m	1	<b>1</b>	2	<1
Magnesium	ppm	ASTM D5185m	5	<b>9</b>	9	8
Calcium	ppm	ASTM D5185m	1220	<b>1205</b>	1371	1165
Phosphorus	ppm	ASTM D5185m	298	<b>272</b>	303	277
Zinc	ppm	ASTM D5185m	350	<b>332</b>	374	325
Sulfur	ppm	ASTM D5185m	1995	<b>2721</b>	2993	2718
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	<b>0.683</b>	0.587	0.655
Visc @ 40°C	cSt	ASTM D445	124.3	<b>115</b>	117	124



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0117216 **Received** : 16 Jul 2024  
**Lab Number** : 06238511 **Tested** : 18 Jul 2024  
**Unique Number** : 11127345 **Diagnosed** : 18 Jul 2024 - Doug Bogart  
**Test Package** : MOB 2 ( Additional Tests: FuelDilution, PercentFuel, TBN )

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

Certificate L2367  
 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: