

Machine Id  
**Banner 1**  
Component  
**Compressor**  
Fluid  
**PETRO CANADA SENTRON LD 3000 (105 GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0111870</b>	PCA0103405	PCA0103401
Sample Date		Client Info		<b>03 Jan 2024</b>	01 Dec 2023	10 Nov 2023
Machine Age	hrs	Client Info		<b>127430</b>	127430	126855
Oil Age	hrs	Client Info		<b>127430</b>	127430	126855
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

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

**CONTAMINATION**

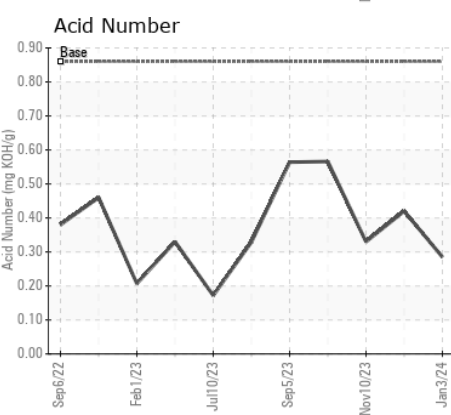
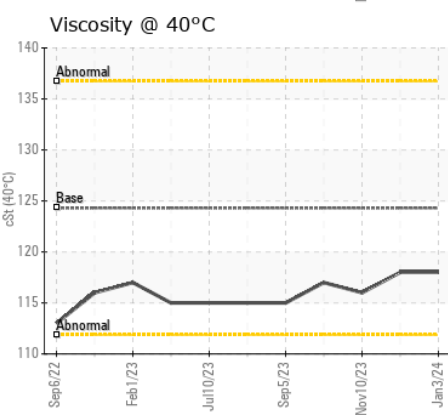
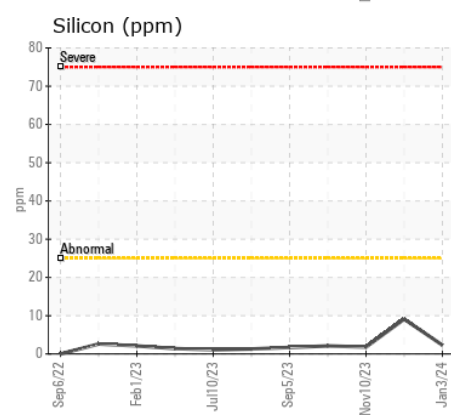
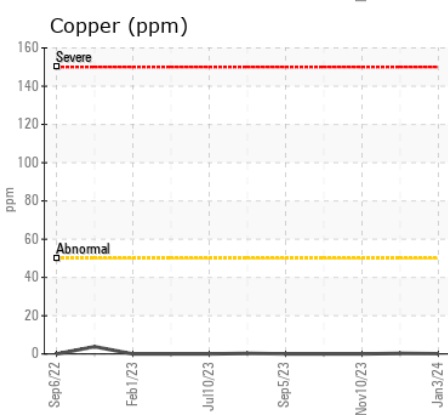
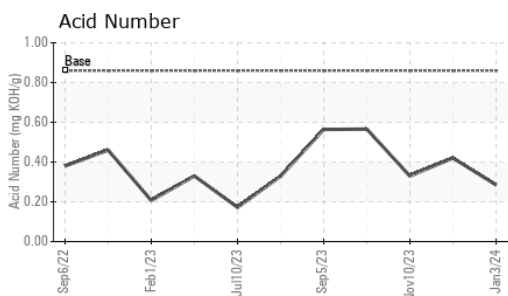
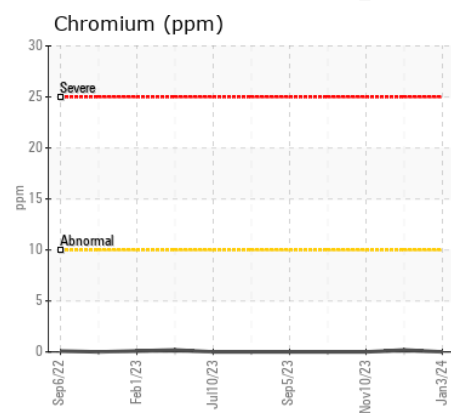
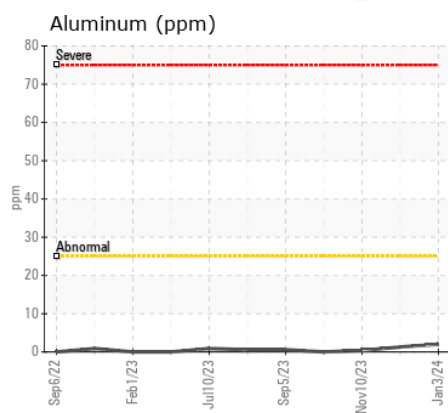
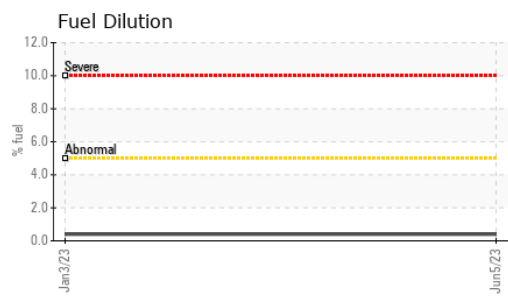
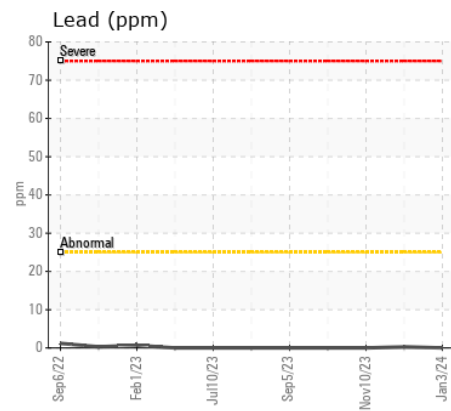
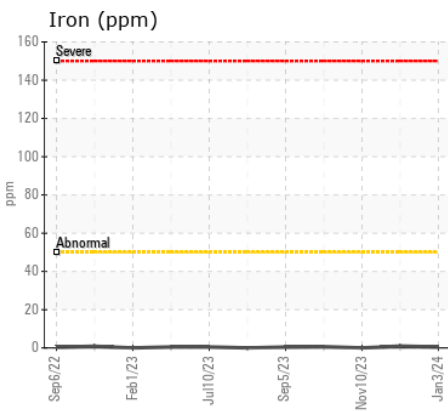
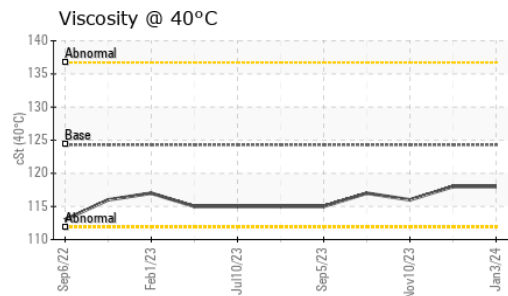
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>25	<b>2</b>	9	2
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	1	0
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>	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

**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>0</b>	0	0
Boron	ppm	ASTM D5185m	5	<b>0</b>	0	<1
Barium	ppm	ASTM D5185m	1	<b>0</b>	11	0
Molybdenum	ppm	ASTM D5185m	2	<b>&lt;1</b>	1	0
Manganese	ppm	ASTM D5185m	1	<b>0</b>	<1	0
Magnesium	ppm	ASTM D5185m	5	<b>5</b>	4	8
Calcium	ppm	ASTM D5185m	1220	<b>1295</b>	1258	1229
Phosphorus	ppm	ASTM D5185m	298	<b>318</b>	311	284
Zinc	ppm	ASTM D5185m	350	<b>337</b>	347	337
Sulfur	ppm	ASTM D5185m	1995	<b>2409</b>	2684	2359
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	<b>0.285</b>	0.42	0.33
Visc @ 40°C	cSt	ASTM D445	124.3	<b>118</b>	118	116



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0111870 **Received** : 10 Jan 2024  
**Lab Number** : 06057405 **Diagnosed** : 12 Jan 2024  
**Unique Number** : 10823354 **Diagnostician** : Don Baldrige  
**Test Package** : MOB 2 ( Additional Tests: FuelDilution )

**ENERVEST OPERATING - BANNER**  
 5210 CHIMNEY SWIFT ROAD  
 COEBURN, VA  
 US 24230  
 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: