

Machine Id  
**Nancy 3**  
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>PCA0117103</b>	PCA0117105	PCA0117107
Sample Date		Client Info		<b>09 Jul 2024</b>	03 Jun 2024	02 May 2024
Machine Age	hrs	Client Info		<b>146186</b>	145318	144557
Oil Age	hrs	Client Info		<b>18295</b>	17427	16666
Filter Age	hrs	Client Info		<b>18295</b>	17427	0
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**

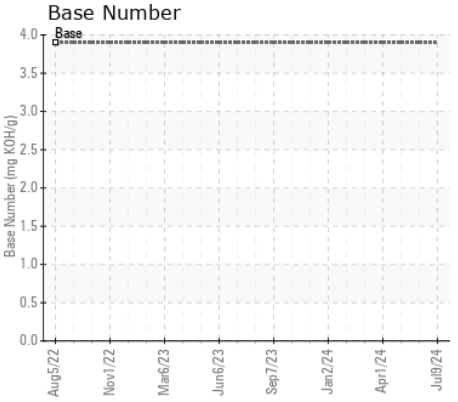
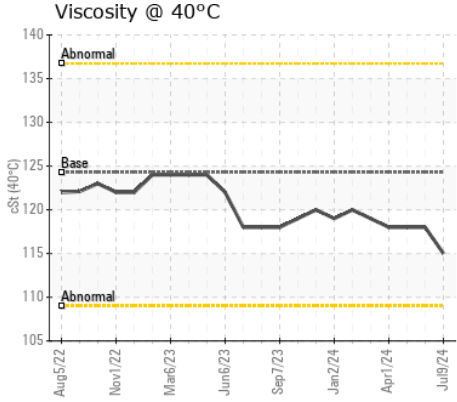
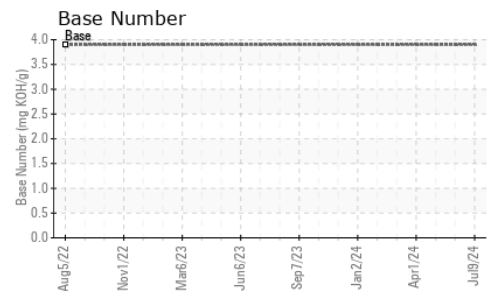
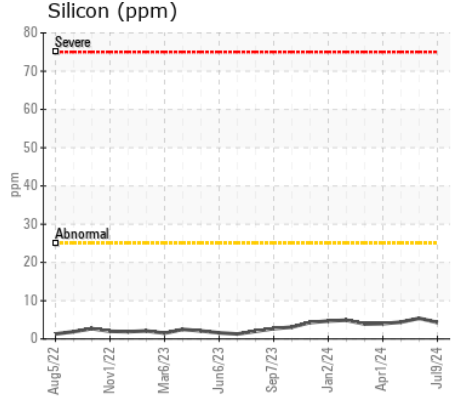
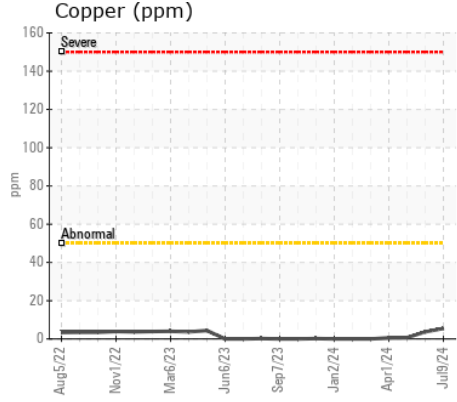
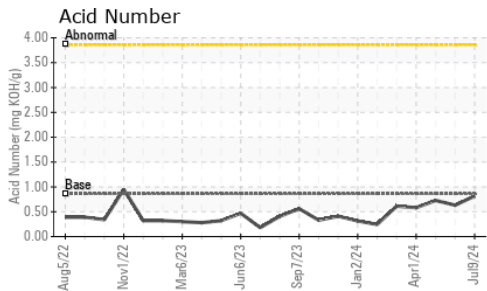
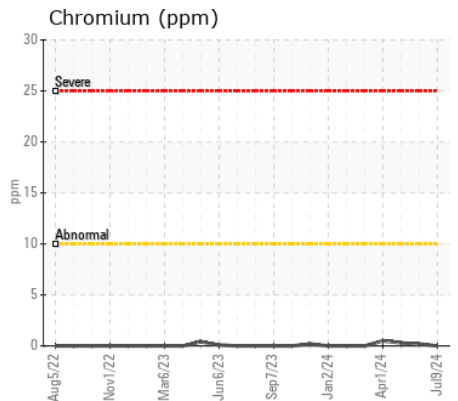
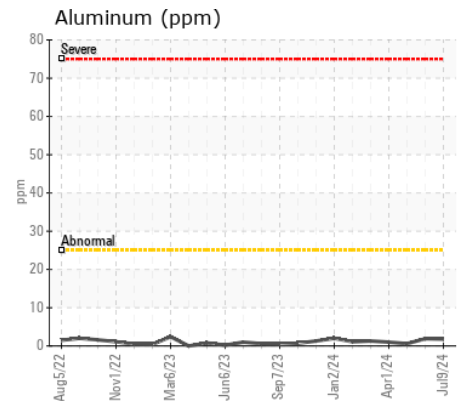
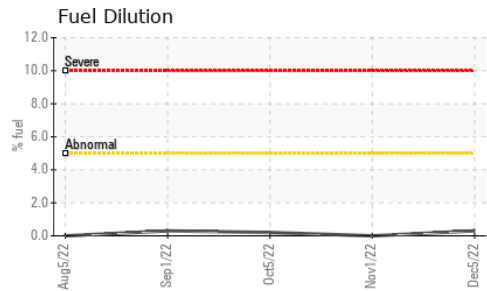
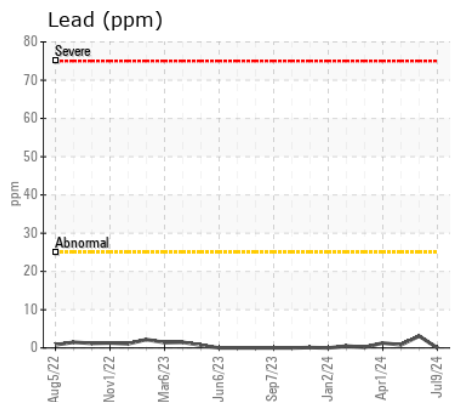
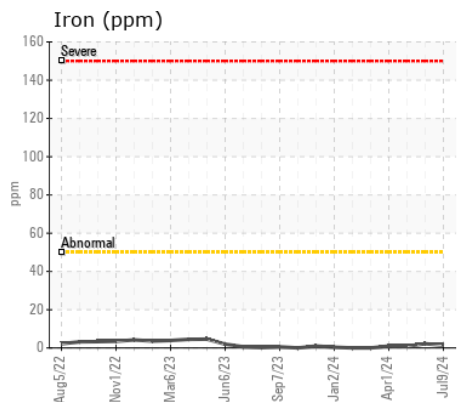
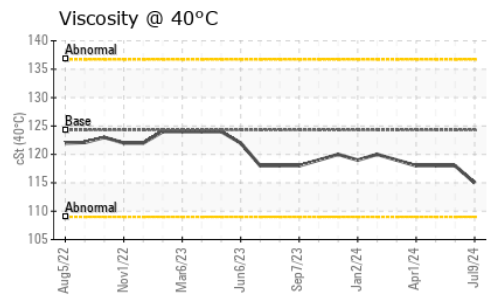
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>25	<b>4</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>	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>4</b>	2	0
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>0</b>	3	1
Manganese	ppm	ASTM D5185m	1	<b>1</b>	2	<1
Magnesium	ppm	ASTM D5185m	5	<b>8</b>	7	7
Calcium	ppm	ASTM D5185m	1220	<b>1212</b>	1280	1189
Phosphorus	ppm	ASTM D5185m	298	<b>272</b>	286	265
Zinc	ppm	ASTM D5185m	350	<b>330</b>	347	321
Sulfur	ppm	ASTM D5185m	1995	<b>2722</b>	2792	2503
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	<b>0.816</b>	0.631	0.728
Visc @ 40°C	cSt	ASTM D445	124.3	<b>115</b>	118	118



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0117103  
**Lab Number** : 06238510  
**Unique Number** : 11127344  
**Test Package** : MOB 2 ( Additional Tests: FuelDilution, PercentFuel, TBN )

**ENERVEST OPERATING - NANCY**  
 2466 NANCY HOLLOW  
 HAYS1, VA  
 US 24256  
 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: