

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		PCA0117265	PCA0117259	PCA0117193
Sample Date		Client Info		09 Jul 2024	03 Jun 2024	01 May 2024
Machine Age	hrs	Client Info		132674	131841	131053
Oil Age	hrs	Client Info		132674	131841	131053
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	1	2	<1
Chromium	ppm	ASTM D5185m	>10	0	<1	<1
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	2	<1
Lead	ppm	ASTM D5185m	>25	0	3	<1
Copper	ppm	ASTM D5185m	>50	6	4	<1
Tin	ppm	ASTM D5185m	>15	0	1	1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

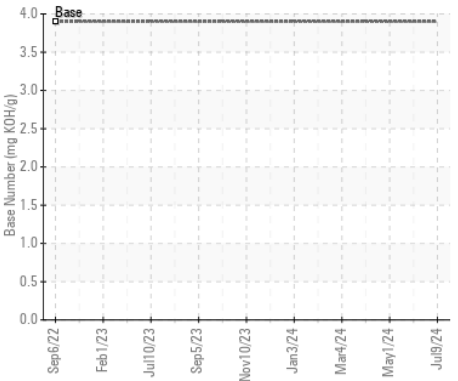
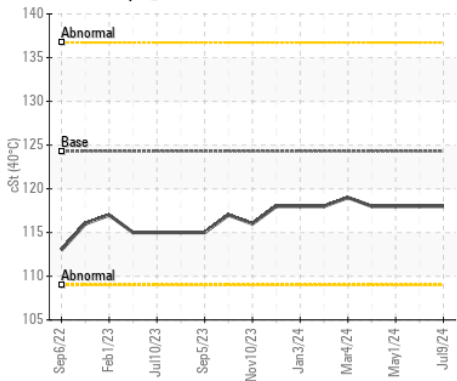
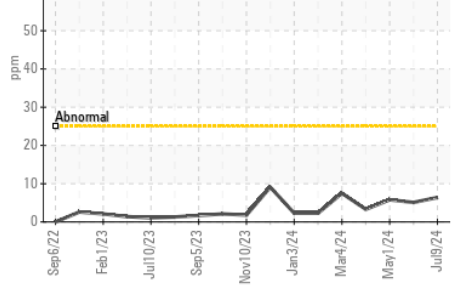
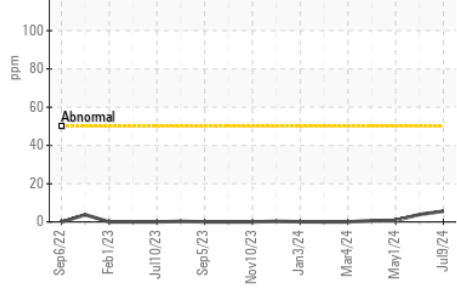
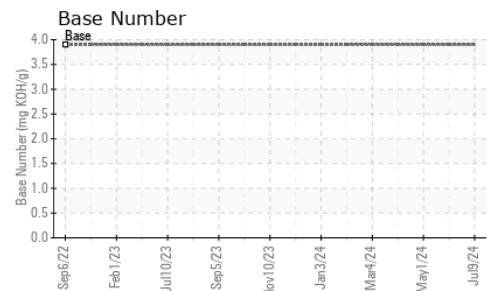
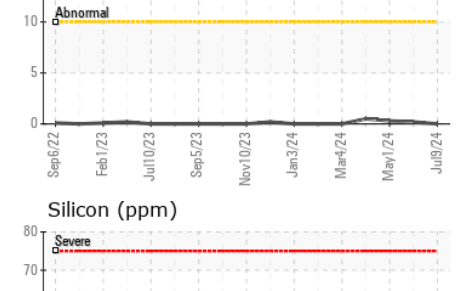
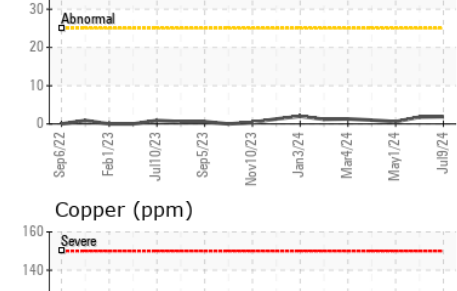
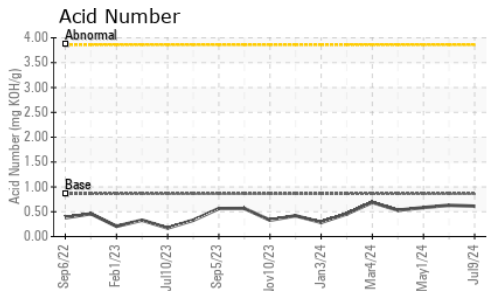
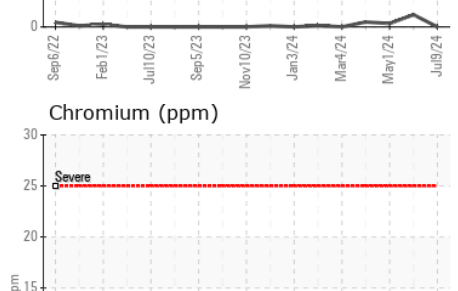
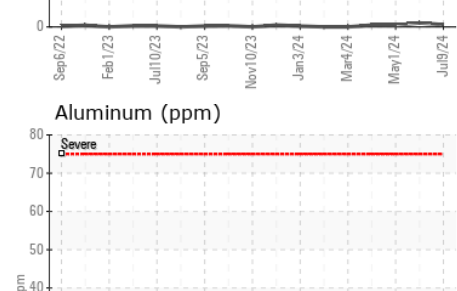
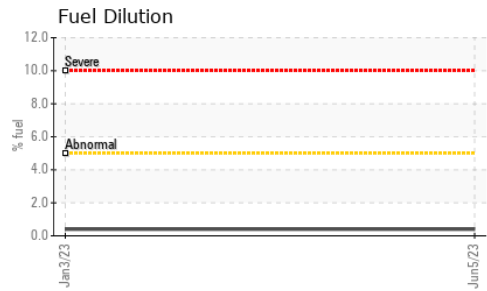
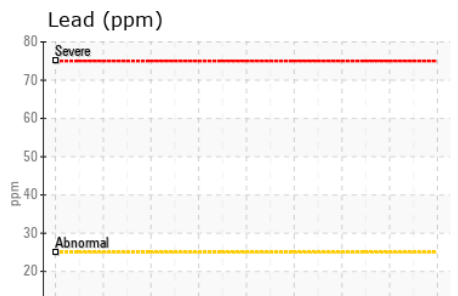
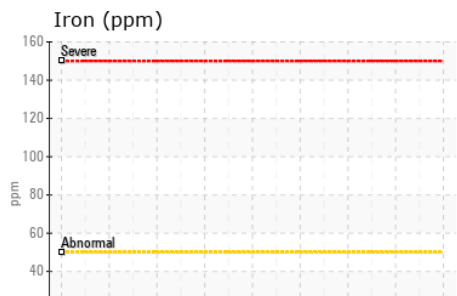
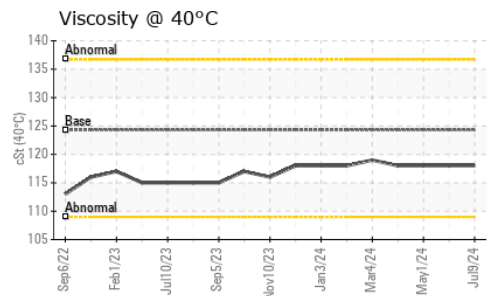
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>25	6	5	6
Potassium	ppm	ASTM D5185m	>20	2	5	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	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		4	2	0
Boron	ppm	ASTM D5185m	5	<1	0	0
Barium	ppm	ASTM D5185m	1	0	0	0
Molybdenum	ppm	ASTM D5185m	2	0	3	1
Manganese	ppm	ASTM D5185m	1	1	2	<1
Magnesium	ppm	ASTM D5185m	5	8	7	4
Calcium	ppm	ASTM D5185m	1220	1211	1240	1197
Phosphorus	ppm	ASTM D5185m	298	274	290	282
Zinc	ppm	ASTM D5185m	350	334	340	331
Sulfur	ppm	ASTM D5185m	1995	2713	2725	2688
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	0.611	0.63	0.584
Visc @ 40°C	cSt	ASTM D445	124.3	118	118	118



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0117265 **Received** : 16 Jul 2024
Lab Number : 06238505 **Tested** : 18 Jul 2024
Unique Number : 11127339 **Diagnosed** : 18 Jul 2024 - Doug Bogart
Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel, TBN)

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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