



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
Poplar Gap B
 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		PCA0111963	PCA0111951	PCA0077667
Sample Date		Client Info		02 Jan 2024	04 Dec 2023	01 Feb 2023
Machine Age	hrs	Client Info		84864	84169	77338
Oil Age	hrs	Client Info		3095	2400	15236
Filter Age	hrs	Client Info		3095	2400	0
Oil Changed		Client Info		Not Changd	Not Changd	N/A
Filter Changed		Client Info		Not Changd	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	8	6	7
Chromium	ppm	ASTM D5185m	>10	0	<1	0
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	1	0
Lead	ppm	ASTM D5185m	>25	0	<1	<1
Copper	ppm	ASTM D5185m	>50	<1	<1	<1
Tin	ppm	ASTM D5185m	>15	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

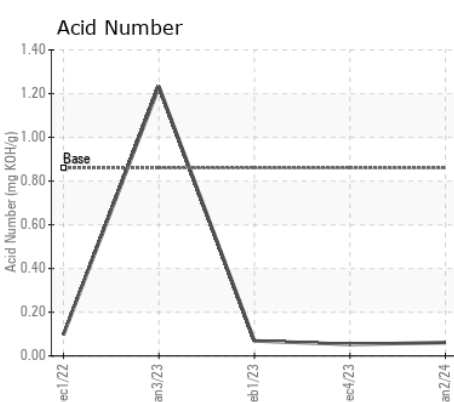
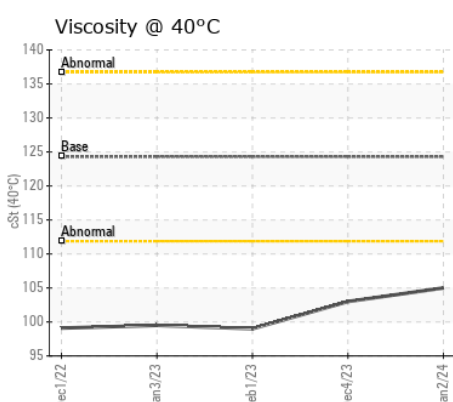
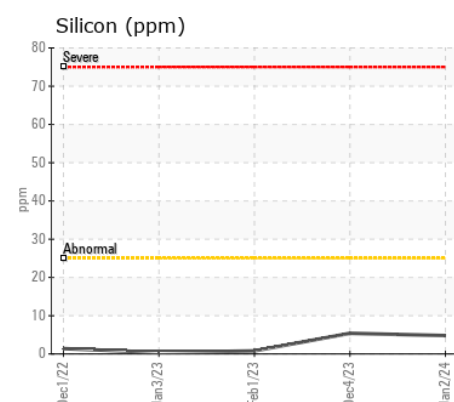
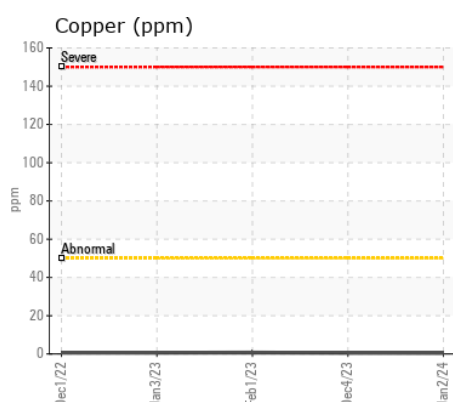
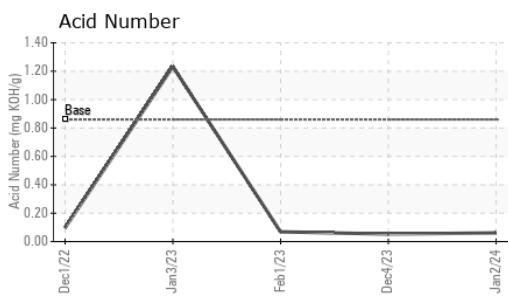
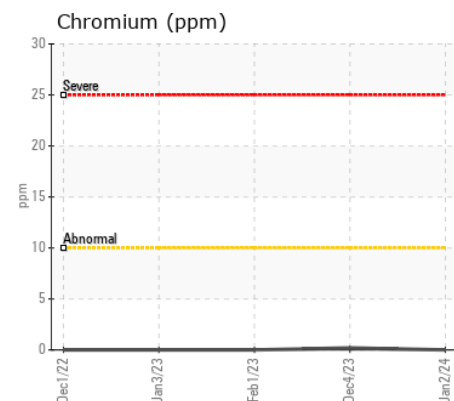
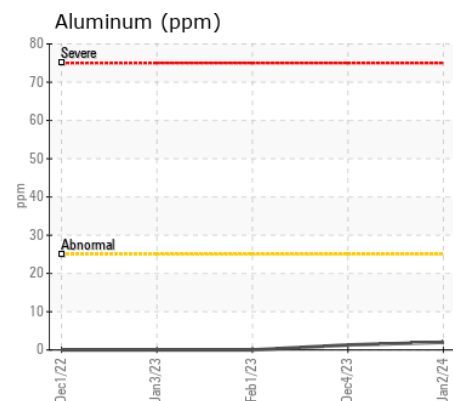
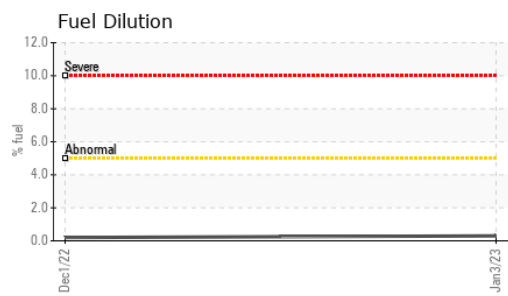
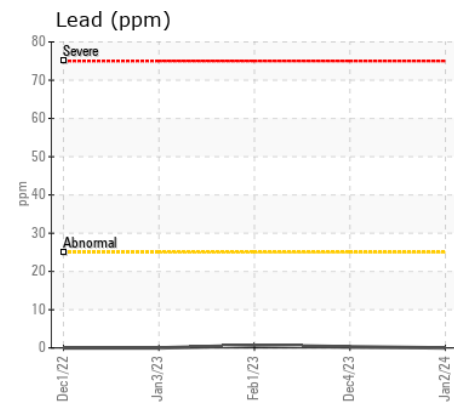
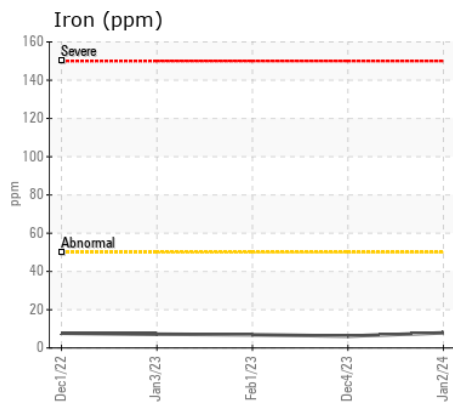
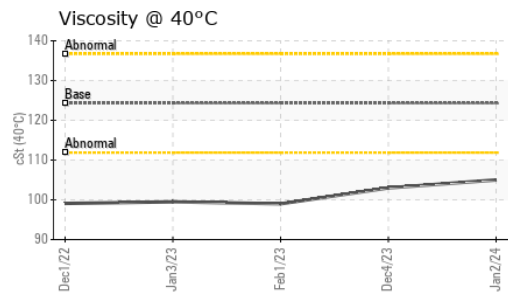
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>25	5	5	<1
Potassium	ppm	ASTM D5185m	>20	1	2	1
Fuel	%	ASTM D3524		---	---	---
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		6	5	39
Boron	ppm	ASTM D5185m	5	0	0	0
Barium	ppm	ASTM D5185m	1	0	11	1
Molybdenum	ppm	ASTM D5185m	2	0	<1	<1
Manganese	ppm	ASTM D5185m	1	0	<1	<1
Magnesium	ppm	ASTM D5185m	5	6	6	18
Calcium	ppm	ASTM D5185m	1220	31	29	107
Phosphorus	ppm	ASTM D5185m	298	96	95	79
Zinc	ppm	ASTM D5185m	350	0	0	0
Sulfur	ppm	ASTM D5185m	1995	485	599	447
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	0.061	0.053	0.069
Visc @ 40°C	cSt	ASTM D445	124.3	105	103	99.0



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0111963 **Received** : 10 Jan 2024
Lab Number : 06057402 **Diagnosed** : 12 Jan 2024
Unique Number : 10823351 **Diagnostician** : Don Baldrige
Test Package : MOB 2 (Additional Tests: FuelDilution)

ENERVEST OPERATING - POPLAR GAP B
 1663 CRESCENT ROAD
 GRUNDY, VA
 US 24614
 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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