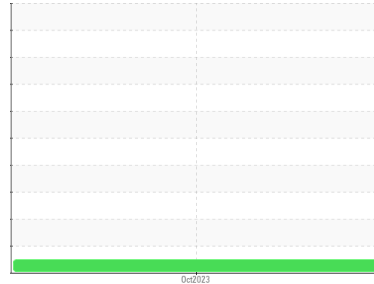


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
42

Component
Compressor

Fluid
PETRO CANADA SENTRON LD 3000 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0103413	---	---
Sample Date	Client Info		03 Oct 2023	---	---
Machine Age	hrs	Client Info	95829	---	---
Oil Age	hrs	Client Info	1065	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	4	---	---
Chromium	ppm	ASTM D5185m >10	0	---	---
Nickel	ppm	ASTM D5185m	<1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >25	0	---	---
Lead	ppm	ASTM D5185m >25	5	---	---
Copper	ppm	ASTM D5185m >50	14	---	---
Tin	ppm	ASTM D5185m >15	6	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 5	<1	---	---
Barium	ppm	ASTM D5185m 1	0	---	---
Molybdenum	ppm	ASTM D5185m 2	2	---	---
Manganese	ppm	ASTM D5185m 1	0	---	---
Magnesium	ppm	ASTM D5185m 5	16	---	---
Calcium	ppm	ASTM D5185m 1220	1300	---	---
Phosphorus	ppm	ASTM D5185m 298	282	---	---
Zinc	ppm	ASTM D5185m 350	363	---	---
Sulfur	ppm	ASTM D5185m 1995	3028	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	2	---	---
Sodium	ppm	ASTM D5185m	0	---	---
Potassium	ppm	ASTM D5185m >20	3	---	---

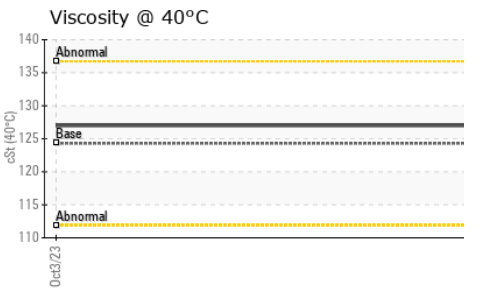
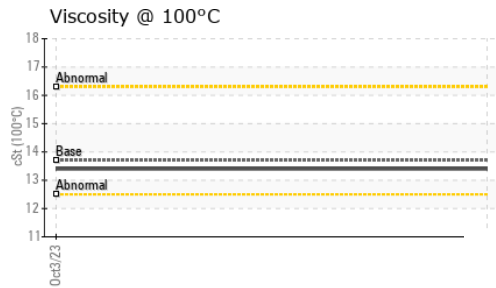
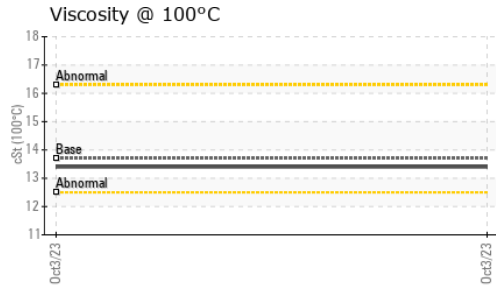
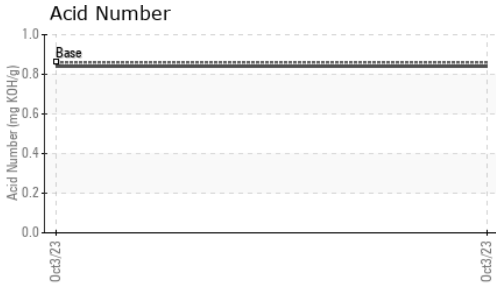
INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	0	---	---
Nitration	Abs/cm	*ASTM D7624	3.9	---	---
Sulfation	Abs/.1mm	*ASTM D7415	14.7	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	8.6	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045 0.86	0.841	---	---
Base Number (BN)	mg KOH/g	ASTM D2896 3.85	4.46	---	---

OIL ANALYSIS REPORT

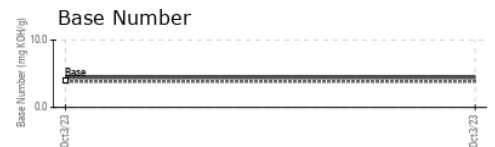
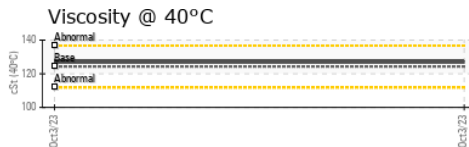
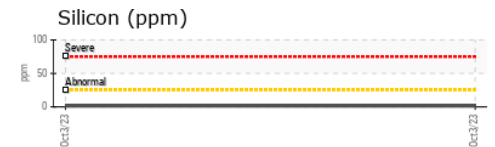
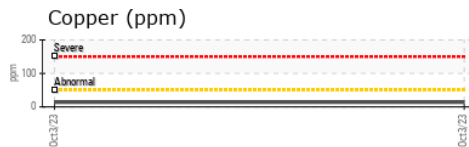
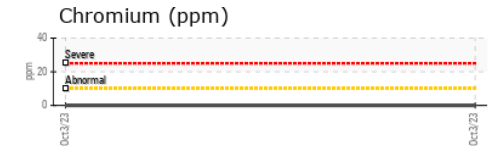
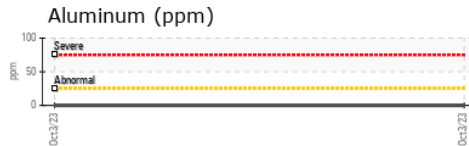
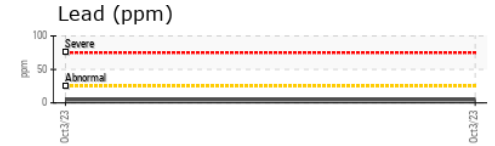


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	124.3	127.0	---
Visc @ 100°C	cSt	ASTM D445	13.7	13.4	---
Viscosity Index (VI)	Scale	ASTM D2270	106	99	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0103413
Lab Number : 05977770
Unique Number : 10695065
Test Package : MOB 2 (Additional Tests: FT-IR, FuelDilution, KV100, TBN, VI)

ENERVEST OPERATING - HAYS BOOSTER
 1705 BREAKS PARK ROAD
 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)

T:
F: