

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

40

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 component.

Fluid Condition

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	PCA0103467	---	---
Sample Date	Client Info	06 Sep 2023	---	---
Machine Age	hrs Client Info	95288	---	---
Oil Age	hrs Client Info	3448	---	---
Oil Changed	Client Info	Not Changed	---	---
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		0	---	---
Titanium ppm ASTM D5185m		0	---	---
Silver ppm ASTM D5185m		0	---	---
Aluminum ppm ASTM D5185m	>25	1	---	---
Lead ppm ASTM D5185m	>25	4	---	---
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	0	---	---
Barium ppm ASTM D5185m	1	0	---	---
Molybdenum ppm ASTM D5185m	2	<1	---	---
Manganese ppm ASTM D5185m	1	<1	---	---
Magnesium ppm ASTM D5185m	5	17	---	---
Calcium ppm ASTM D5185m	1220	1564	---	---
Phosphorus ppm ASTM D5185m	298	325	---	---
Zinc ppm ASTM D5185m	350	394	---	---
Sulfur ppm ASTM D5185m	1995	3363	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>25	2	---	---
Sodium ppm ASTM D5185m		2	---	---
Potassium ppm ASTM D5185m	>20	<1	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045	0.86	0.30	---	---

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	---	---

OIL ANALYSIS REPORT

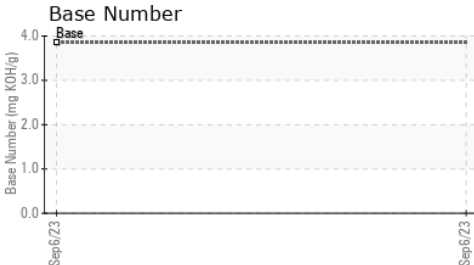
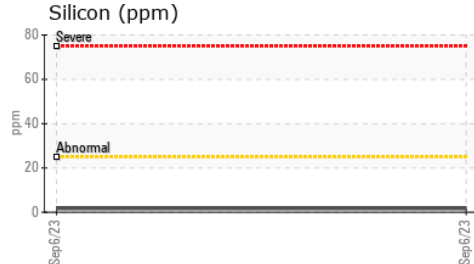
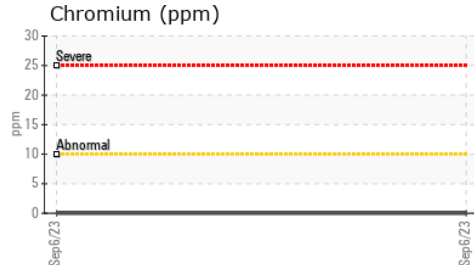
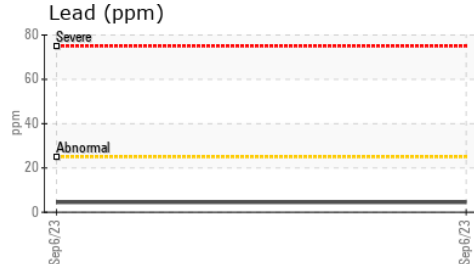
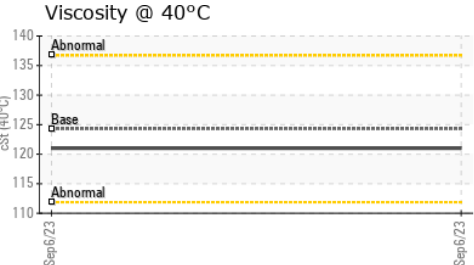
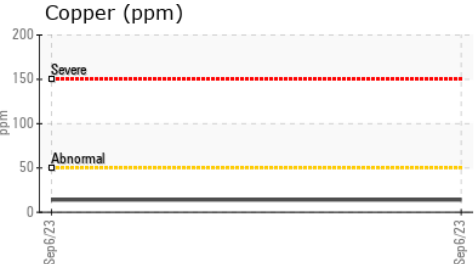
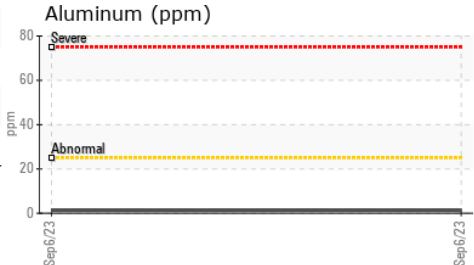
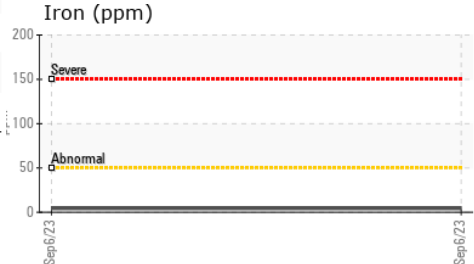
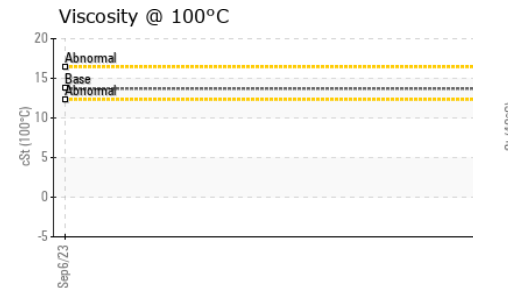
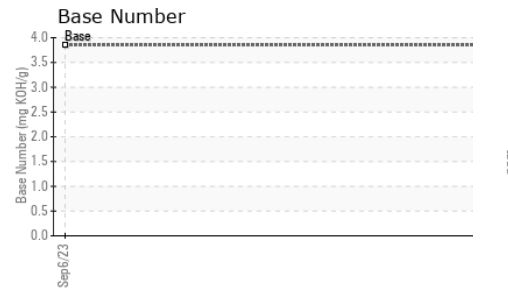
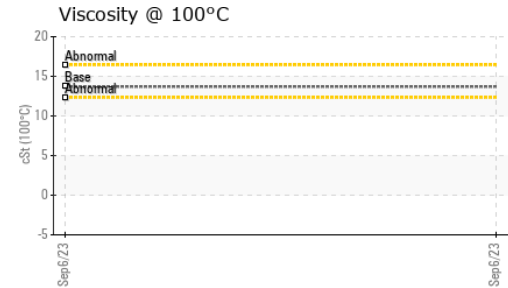
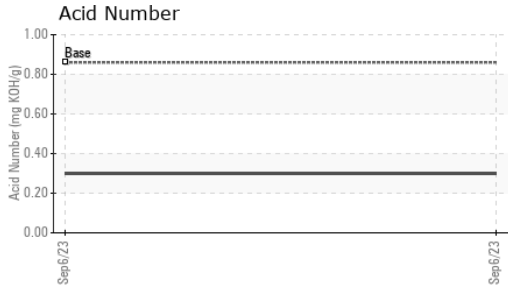
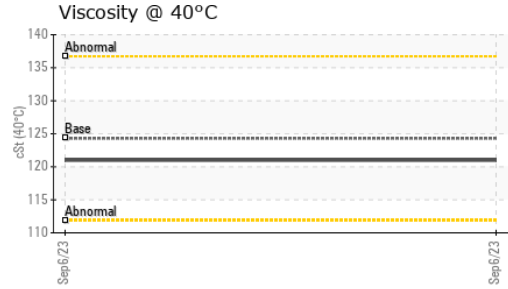
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	124.3	121	---

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. : PCA0103467 **Received** : 14 Sep 2023
Lab Number : 05952226 **Diagnosed** : 18 Sep 2023
Unique Number : 10648185 **Diagnostician** : Doug Bogart
Test Package : MOB 2 (Additional Tests: FT-IR, FuelDilution, KV100, PercentFuel, TBN) Contact: Service Manager

ENERVEST OPERATING - HAYS BOOSTER
 1705 BREAKS PARK ROAD
 HAYS1, VA
 US 24256

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: