

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

45

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		PCA0103471	---	---
Sample Date	Client Info		06 Sep 2023	---	---
Machine Age	hrs	Client Info	93165	---	---
Oil Age	hrs	Client Info	1450	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	2	---	---
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	<1	---	---
Copper	ppm	ASTM D5185m >50	2	---	---
Tin	ppm	ASTM D5185m >15	<1	---	---
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	0	---	---
Manganese	ppm	ASTM D5185m 1	<1	---	---
Magnesium	ppm	ASTM D5185m 5	9	---	---
Calcium	ppm	ASTM D5185m 1220	1336	---	---
Phosphorus	ppm	ASTM D5185m 298	291	---	---
Zinc	ppm	ASTM D5185m 350	343	---	---
Sulfur	ppm	ASTM D5185m 1995	2885	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	2	---	---
Sodium	ppm	ASTM D5185m	<1	---	---
Potassium	ppm	ASTM D5185m >20	0	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.86	0.607	---	---

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

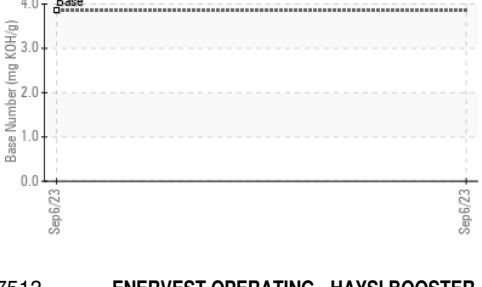
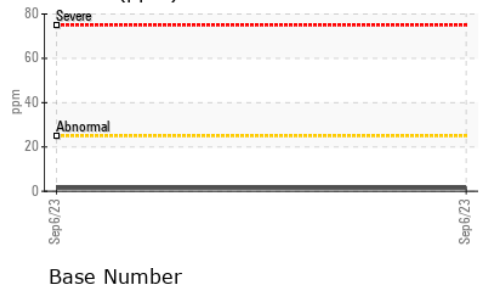
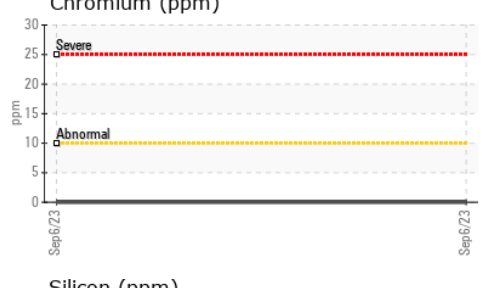
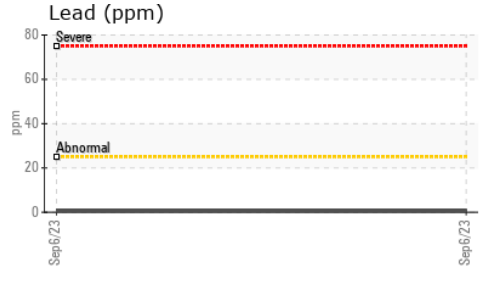
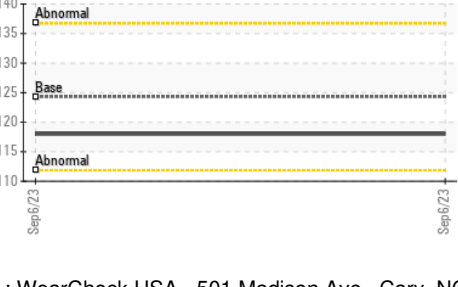
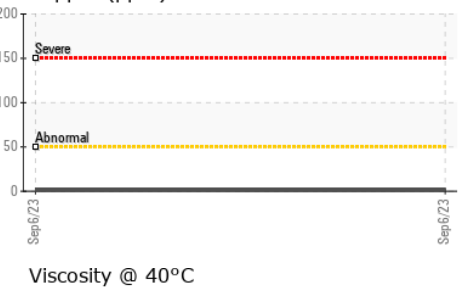
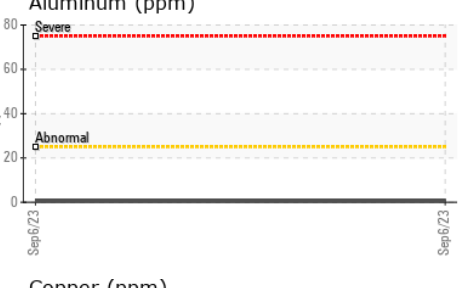
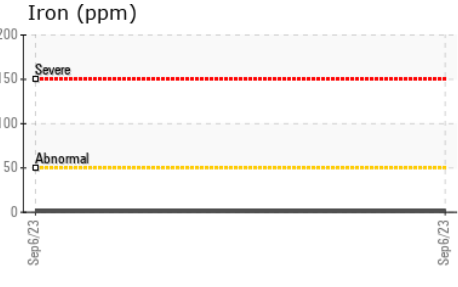
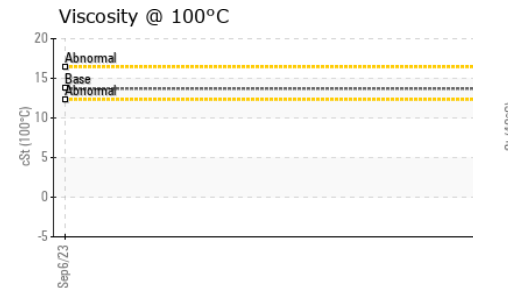
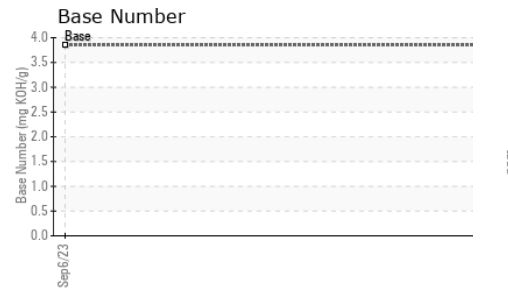
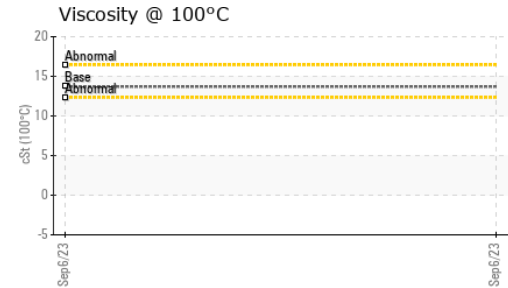
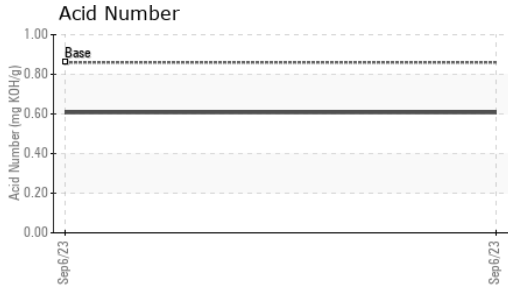
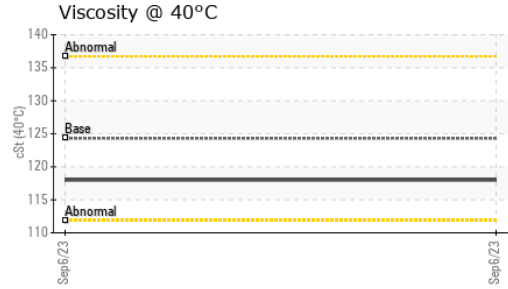
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	124.3	118	---

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. : PCA0103471 **Received** : 14 Sep 2023
Lab Number : 05952228 **Diagnosed** : 18 Sep 2023
Unique Number : 10648187 **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)

T:
F: