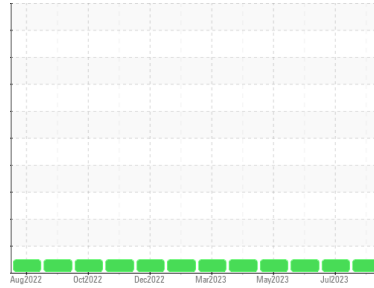


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
Hurricane Creek 2

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 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	PCA0092107	PCA0092111	PCA0092102
Sample Date	Client Info	03 Aug 2023	10 Jul 2023	05 Jun 2023
Machine Age	hrs Client Info	155573	155006	154200
Oil Age	hrs Client Info	28953	28386	27580
Oil Changed	Client Info	Not Changed	Not Changed	Not Changed
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>50	<1	<1	<1
Chromium ppm ASTM D5185m	>10	0	0	0
Nickel ppm ASTM D5185m		0	0	0
Titanium ppm ASTM D5185m		0	0	0
Silver ppm ASTM D5185m		0	<1	0
Aluminum ppm ASTM D5185m	>25	2	<1	0
Lead ppm ASTM D5185m	>25	0	0	0
Copper ppm ASTM D5185m	>50	<1	0	0
Tin ppm ASTM D5185m	>15	0	0	0
Vanadium ppm ASTM D5185m		<1	0	0
Cadmium ppm ASTM D5185m		0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m	5	<1	<1	0
Barium ppm ASTM D5185m	1	0	0	0
Molybdenum ppm ASTM D5185m	2	1	1	1
Manganese ppm ASTM D5185m	1	<1	0	<1
Magnesium ppm ASTM D5185m	5	9	9	12
Calcium ppm ASTM D5185m	1220	1248	1212	1257
Phosphorus ppm ASTM D5185m	298	274	262	289
Zinc ppm ASTM D5185m	350	326	325	353
Sulfur ppm ASTM D5185m	1995	2637	2766	2891

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>25	2	1	1
Sodium ppm ASTM D5185m		<1	<1	0
Potassium ppm ASTM D5185m	>20	0	0	0
Fuel % ASTM D3524		---	---	0.4

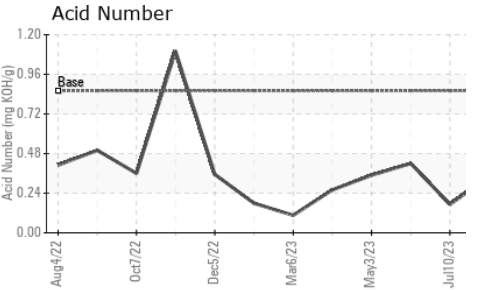
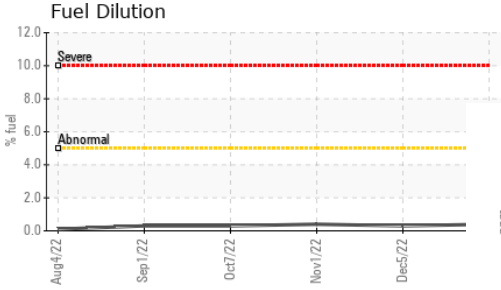
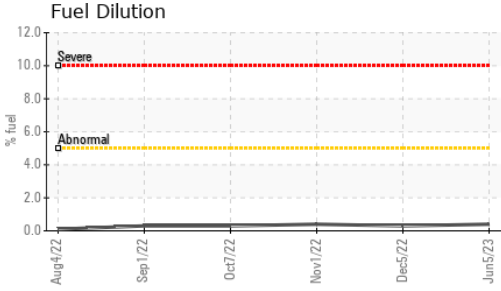
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045	0.86	0.341	0.172	0.42

VISUAL

method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	NONE	NONE
Yellow Metal scalar *Visual	NONE	NONE	NONE	NONE
Precipitate scalar *Visual	NONE	NONE	NONE	NONE
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
Free Water scalar *Visual		NEG		

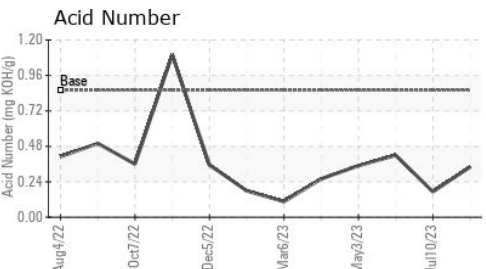
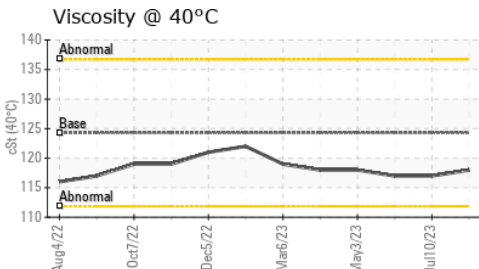
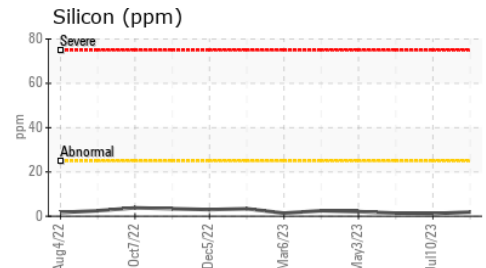
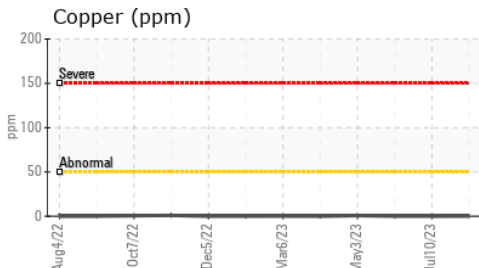
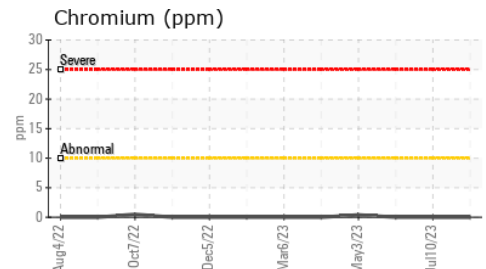
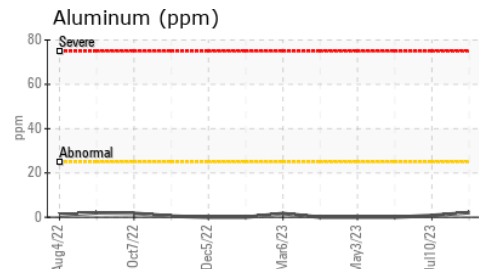
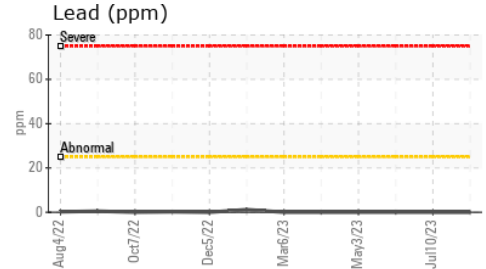
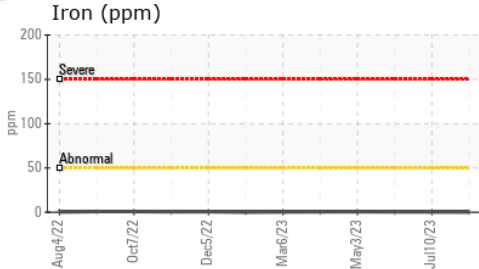
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	124.3	118	117	117

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0092107 **Received** : 11 Aug 2023
Lab Number : **05922894** **Diagnosed** : 15 Aug 2023
Unique Number : 10602841 **Diagnostician** : Don Baldrige
Test Package : MOB 2 (Additional Tests: FuelDilution)

ENERVEST OPERATING - HURRICANE
 2830 LAUREL BRANCH ROAD
 VANSANT, VA
 US 24656
 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: