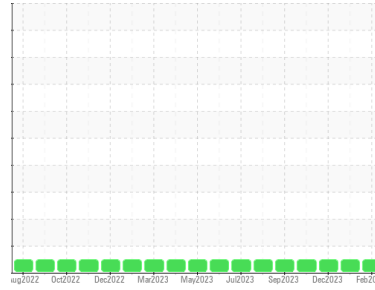


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
Hurricane Creek 3

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	PCA0091332	PCA0091329	PCA0091327
Sample Date	Client Info	06 Feb 2024	02 Jan 2024	01 Dec 2023
Machine Age	hrs	143213	142385	141610
Oil Age	hrs	24156	0	22553
Oil Changed	Client Info	Not Changed	Not Changed	Not Changed
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	NEG

WEAR METALS

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

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 5	1	2	1
Barium	ppm ASTM D5185m 1	0	0	11
Molybdenum	ppm ASTM D5185m 2	<1	2	2
Manganese	ppm ASTM D5185m 1	<1	0	<1
Magnesium	ppm ASTM D5185m 5	18	17	17
Calcium	ppm ASTM D5185m 1220	1265	1327	1341
Phosphorus	ppm ASTM D5185m 298	284	323	306
Zinc	ppm ASTM D5185m 350	329	324	346
Sulfur	ppm ASTM D5185m 1995	2531	2893	3268

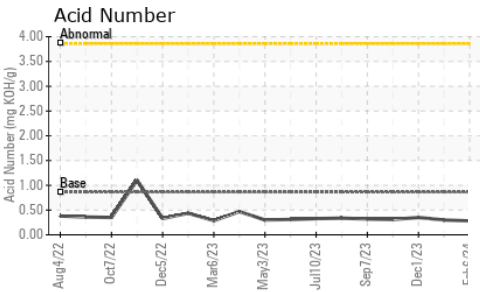
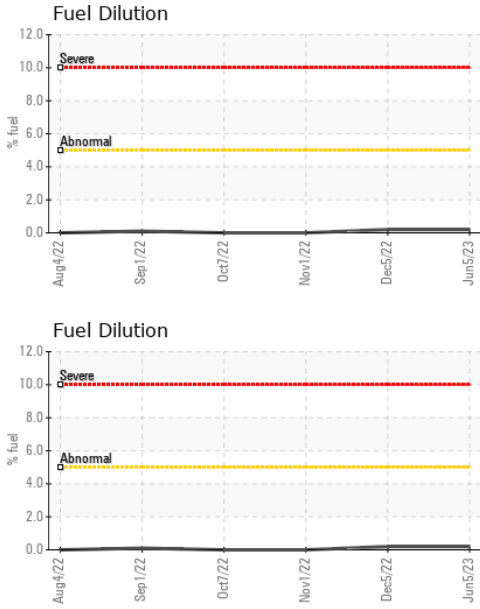
CONTAMINANTS

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

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045 0.86	0.28	0.30	0.350

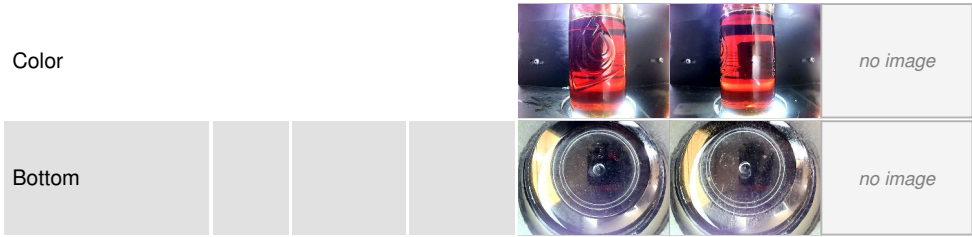
OIL ANALYSIS REPORT



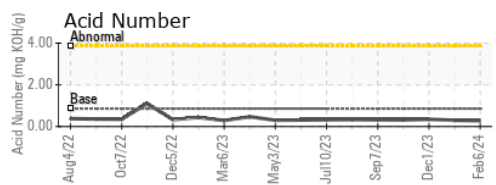
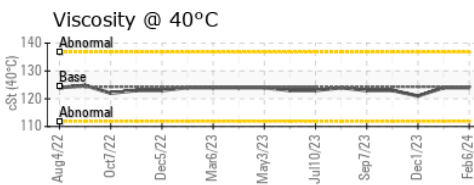
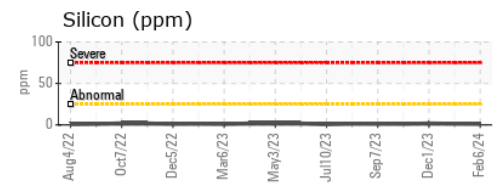
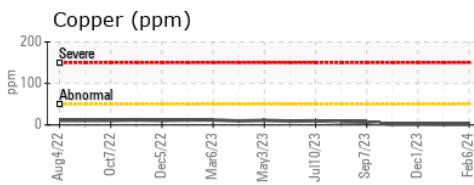
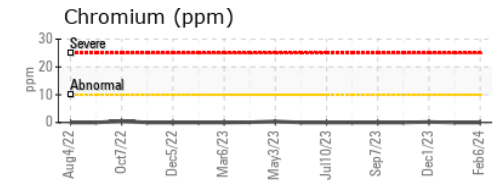
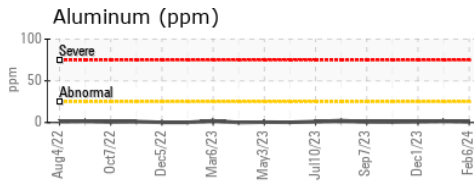
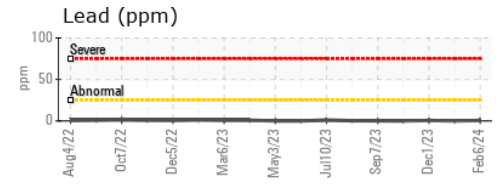
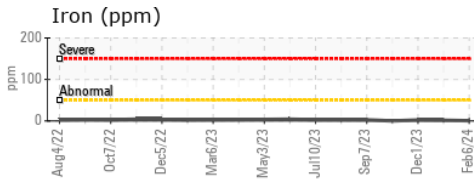
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	124.3	124	121

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0091332 **Received** : 16 Feb 2024
Lab Number : 06092405 **Tested** : 20 Feb 2024
Unique Number : 10885258 **Diagnosed** : 20 Feb 2024 - Jonathan Hester
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)

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F: