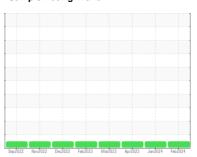


OIL ANALYSIS REPORT

Sample Rating Trend







Liberty 1 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.

AL)		Sep2022 1	Nov2022 Dec2022 Feb20	23 Mar2023 Apr2023 Jan2024	Feb2024	
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0111971	PCA0103416	PCA0091281
Sample Date		Client Info		02 Feb 2024	02 Jan 2024	03 Apr 2023
Machine Age	hrs	Client Info		69528	69211	67974
Oil Age	hrs	Client Info		29182	67974	27627
Oil Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINA	TION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAI	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<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	0	0
Aluminum	ppm	ASTM D5185m	>25	0	2	0
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	<1	<1	<1
Tin	ppm	ASTM D5185m	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0	0	0
Barium	ppm	ASTM D5185m	1	0	0	0
Molybdenum	ppm	ASTM D5185m	2	0	0	0
Manganese	ppm	ASTM D5185m	1	0	0	0
Magnesium	ppm	ASTM D5185m	5	1	<1	0
Calcium	ppm	ASTM D5185m	1220	17	6	6
Phosphorus	ppm	ASTM D5185m	298	8	33	14
Zinc	ppm	ASTM D5185m	350	2	0	<1
Sulfur	ppm	ASTM D5185m	1995	1372	1408	1437
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	0	<1
Sodium	ppm	ASTM D5185m		2	0	0
Potassium	ppm	ASTM D5185m	>20	1	<1	<1
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
A	1/011/	4 OTM 1 DOC 1-	0.00	0.04	0.40	0.04

0.21

0.19

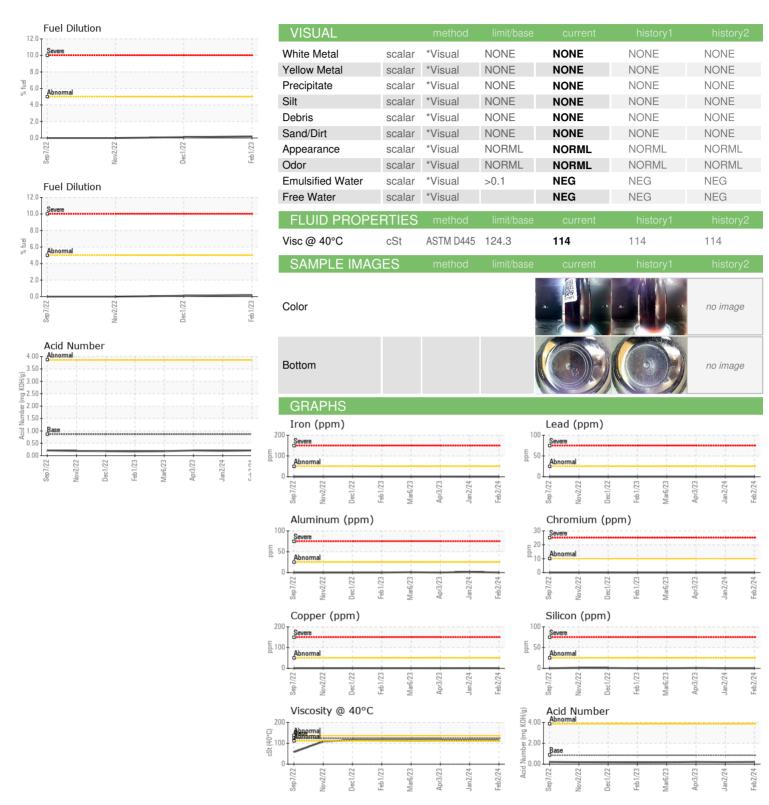
Acid Number (AN)

mg KOH/g ASTM D8045 0.86

0.21



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

: 06092400

: PCA0111971

Received **Tested**

: 20 Feb 2024 - Jonathan Hester **Unique Number** : 10885253 Diagnosed Test Package: MOB 2 (Additional Tests: FuelDilution)

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)

: 16 Feb 2024

: 20 Feb 2024

ENERVEST OPERATING - LIBERTY

318 SINGLETON ROAD NORA, VA

US 24272

T:

Contact: Service Manager

F: