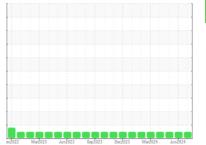


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

Watkins 1

Natural Gas Engine

PETRO CANADA SENTRON LD 3000 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil.

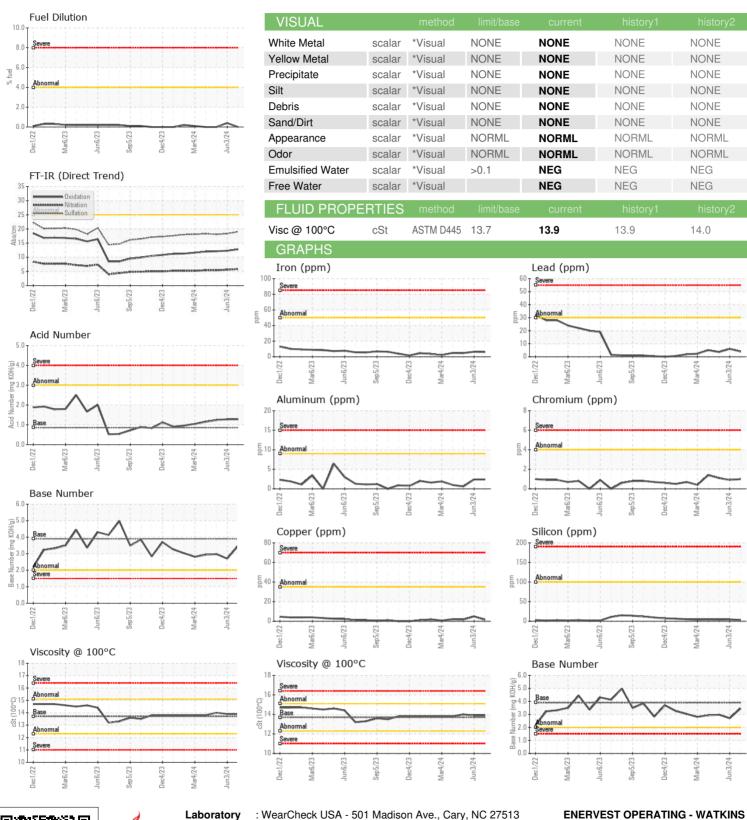
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

## ## ## ## ## ## ## ## ## ## ## ## ##						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0117270	PCA0117186	PCA0117155
Sample Date		Client Info		08 Jul 2024	03 Jun 2024	01 May 2024
Machine Age	hrs	Client Info		105532	104462	103392
Oil Age	hrs	Client Info		10135	9065	7995
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	6	6	5
Chromium	ppm	ASTM D5185m	>4	1	<1	1
Nickel	ppm	ASTM D5185m	>2	0	0	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	2	2	<1
Lead	ppm	ASTM D5185m	>30	4	6	4
Copper	ppm	ASTM D5185m	>35	2	5	2
Tin	ppm	ASTM D5185m	>4	<1	1	1
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	2	0	0
Barium	ppm		1	0	0	0
Molybdenum	ppm	ASTM D5185m	2	2	4	2
Manganese	ppm		1	0	2	<1
Magnesium	ppm	ASTM D5185m	5	12	14	14
Calcium	ppm	ASTM D5185m	1220	1471	1644	1506
Phosphorus	ppm	ASTM D5185m	298	309	320	312
Zinc	ppm	ASTM D5185m	350	384	406	382
Sulfur	ppm	ASTM D5185m	1995	2502	3187	3020
CONTAMINAN		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	3	5	4
Sodium	ppm	ASTM D5185m	>20	0	3	0
Potassium	ppm	ASTM D5185m	>20	2	5	3
Fuel	%	ASTM D3524	>4.0	0.0	0.4	0.0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0
Nitration	Abs/cm	*ASTM D7624		5.8	5.6	5.4
Sulfation	Abs/.1mm	*ASTM D7415	>25	19.0	18.3	18.1
FLUID DEGRAD		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>20	12.8	12.3	12.1
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	1.28	1.28	1.24
Base Number (BN)	mg KOH/g	ASTM D2896	3.9	3.46	2.70	2.97



OIL ANALYSIS REPORT







Laboratory Sample No.

: PCA0117270 Lab Number : 06238564 Unique Number : 11127398

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 16 Jul 2024 **Tested**

: 17 Jul 2024 : 18 Jul 2024 - Doug Bogart Diagnosed Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel)

3896 SUNSET HOLLOW ROAD GRUNDY, VA

US 24614 Contact: Service Manager

Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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: