



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**Hurricane Creek 1 DAY TANK**  
 Component  
**New (Unused) Oil**  
 Fluid  
**PETRO CANADA SENTRON LD 3000 (--- GAL)**

**RECOMMENDATION**

This is a baseline read-out on the submitted sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0117228	---	---
Sample Date		Client Info		25 Apr 2024	---	---
Machine Age	hrs	Client Info		132595	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				NORMAL	---	---

**WEAR**

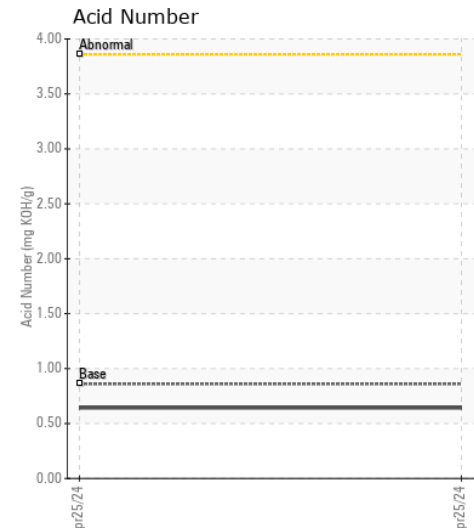
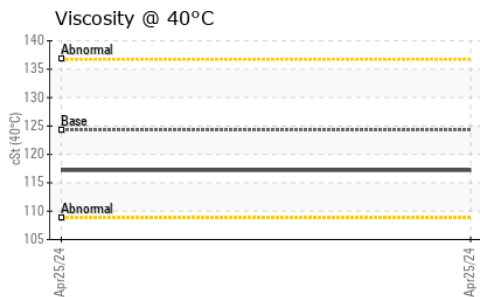
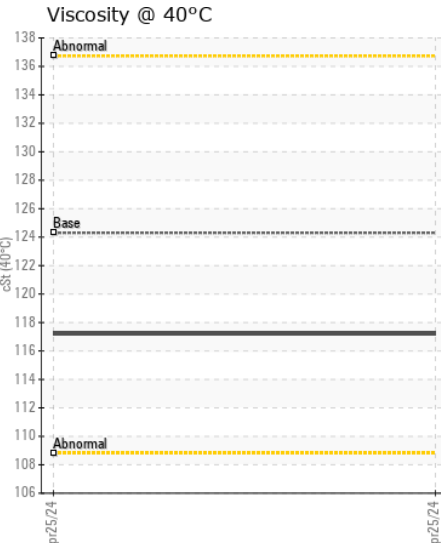
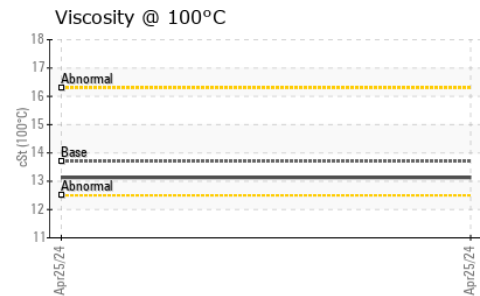
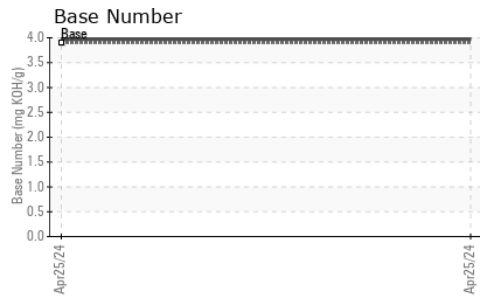
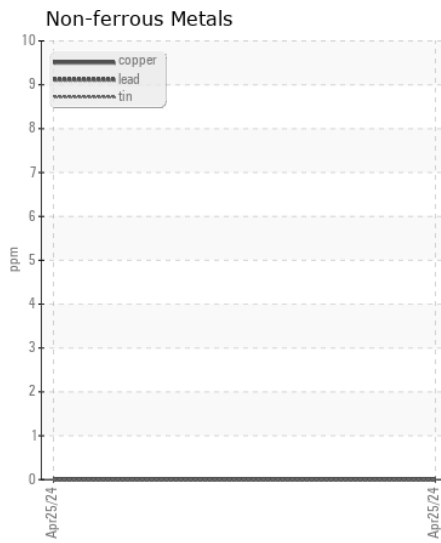
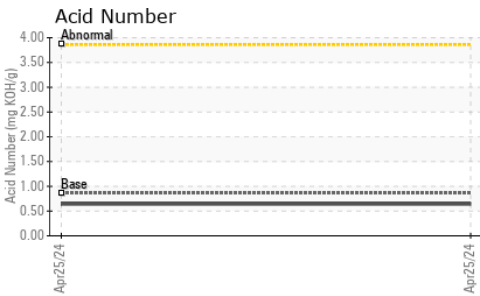
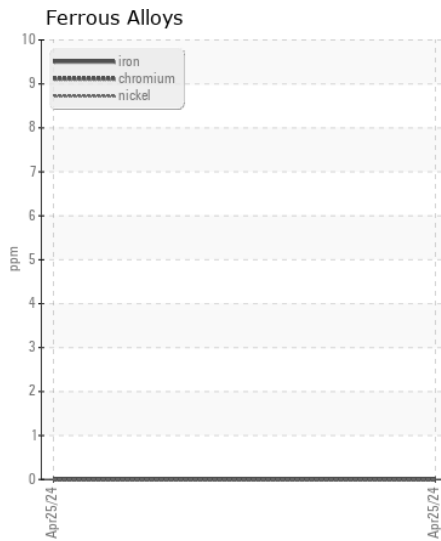
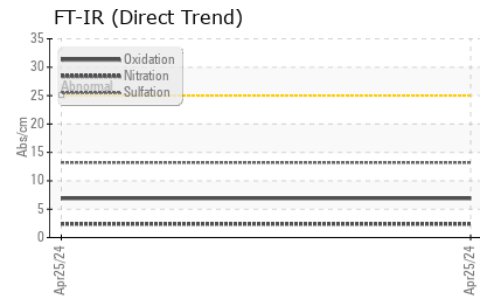
Iron	ppm	ASTM D5185m	>5	0	---	---
Chromium	ppm	ASTM D5185m	>5	0	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---
Aluminum	ppm	ASTM D5185m	>5	<1	---	---
Lead	ppm	ASTM D5185m	>5	0	---	---
Copper	ppm	ASTM D5185m	>5	0	---	---
Tin	ppm	ASTM D5185m	>5	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

**CONTAMINATION**

Silicon	ppm	ASTM D5185m	>15	5	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water		WC Method		NEG	---	---
Soot %	%	*ASTM D7844		0	---	---
Nitration	Abs/cm	*ASTM D7624		2.4	---	---
Sulfation	Abs/.1mm	*ASTM D7415		13.2	---	---
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		NEG	---	---

**FLUID CONDITION**

Sodium	ppm	ASTM D5185m		<1	---	---
Boron	ppm	ASTM D5185m	5	0	---	---
Barium	ppm	ASTM D5185m	1	0	---	---
Molybdenum	ppm	ASTM D5185m	2	<1	---	---
Manganese	ppm	ASTM D5185m	1	0	---	---
Magnesium	ppm	ASTM D5185m	5	5	---	---
Calcium	ppm	ASTM D5185m	1220	1358	---	---
Phosphorus	ppm	ASTM D5185m	298	286	---	---
Zinc	ppm	ASTM D5185m	350	347	---	---
Sulfur	ppm	ASTM D5185m	1995	2659	---	---
Oxidation	Abs/.1mm	*ASTM D7414		6.9	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	0.643	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	3.9	3.97	---	---
Visc @ 40°C	cSt	ASTM D445	124.3	117.2	---	---
Visc @ 100°C	cSt	ASTM D445	13.7	13.13	---	---
Viscosity Index (VI)	Scale	ASTM D2270	106	106	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0117228  
**Lab Number** : 06174527  
**Unique Number** : 11020580  
**Test Package** : MOB 2 ( Additional Tests: FT-IR, FuelDilution, ICP-NewOil, KV100, PercentFuel, PrtCount, Oxidation)

**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: