



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**2126942**  
 Component  
**1 Differential**  
 Fluid  
**PETRO CANADA TRAXON SYNTHETIC 75W90 (--- QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0125014</b>	PCA0119524	PCA0115445
Sample Date		Client Info		<b>26 Apr 2024</b>	24 Feb 2024	23 Dec 2023
Machine Age	mls	Client Info		<b>196929</b>	176613	164773
Oil Age	mls	Client Info		<b>196929</b>	0	0
Filter Age	mls	Client Info		<b>196929</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>324</b>	324	312
Chromium	ppm	ASTM D5185m	>10	<b>3</b>	3	4
Nickel	ppm	ASTM D5185m	>10	<b>4</b>	4	4
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	2	2
Lead	ppm	ASTM D5185m	>25	<b>6</b>	8	6
Copper	ppm	ASTM D5185m	>100	<b>31</b>	30	29
Tin	ppm	ASTM D5185m	>10	<b>1</b>	<1	1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

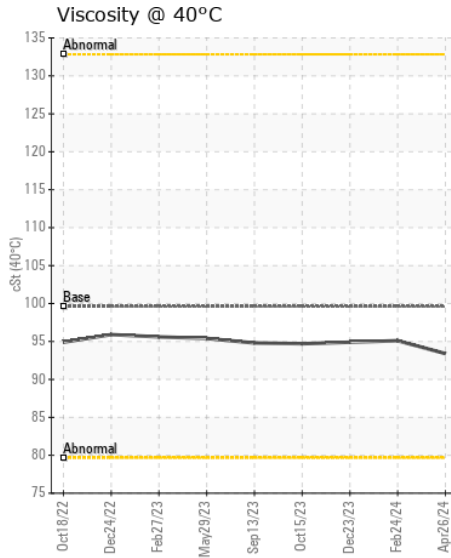
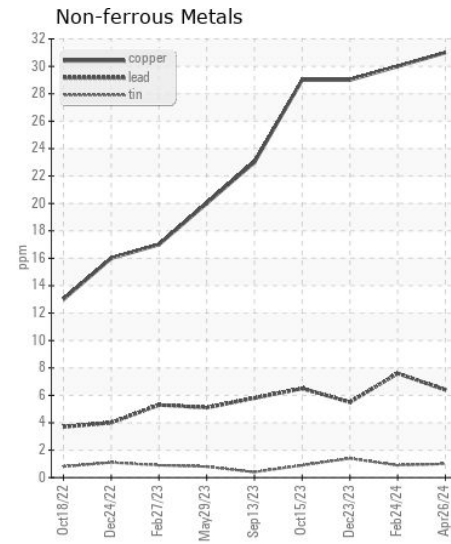
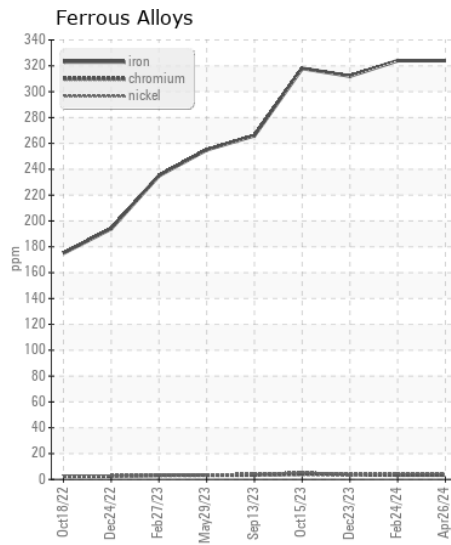
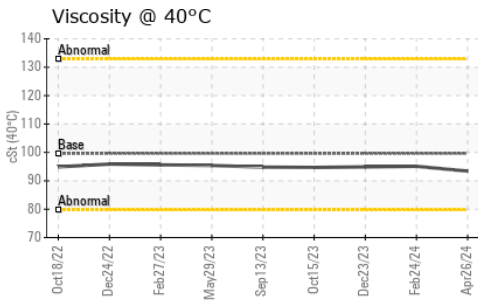
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>67</b>	62	62
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	4	1
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>9</b>	8	8
Boron	ppm	ASTM D5185m	328	<b>105</b>	108	113
Barium	ppm	ASTM D5185m	1	<b>4</b>	4	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>14</b>	14	14
Magnesium	ppm	ASTM D5185m	1	<b>2</b>	2	0
Calcium	ppm	ASTM D5185m	7	<b>3</b>	2	3
Phosphorus	ppm	ASTM D5185m	1145	<b>1152</b>	1099	1048
Zinc	ppm	ASTM D5185m	3	<b>23</b>	22	1
Sulfur	ppm	ASTM D5185m	17909	<b>24464</b>	23202	26396
Visc @ 40°C	cSt	ASTM D445	99.6	<b>93.4</b>	95.1	94.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0125014  
**Lab Number** : 06220118  
**Unique Number** : 11098315  
**Test Package** : FLEET

**Received** : 25 Jun 2024  
**Tested** : 26 Jun 2024  
**Diagnosed** : 26 Jun 2024 - Wes Davis

**PERDUE FARMS - GEORGETOWN**  
 20621 SAVANAH RD  
 GEORGETOWN, DE  
 US 19947  
 Contact: ROBERT LOCKWOOD  
 Robert.Lockwood@Perdue.com

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: