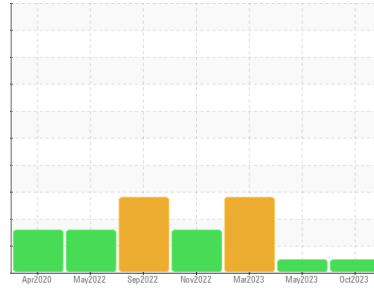


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**26641**  
 Component  
**Transmission (Manual)**  
 Fluid  
**PETRO CANADA TRAXON SYNTHETIC CD-50 (--- QTS)**

## 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 fluid.

### Fluid Condition

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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PCA0106129</b>	PCA0099476	PCA0094440
Sample Date	Client Info		<b>16 Oct 2023</b>	23 May 2023	03 Mar 2023
Machine Age	mls	Client Info	<b>421145</b>	382684	0
Oil Age	mls	Client Info	<b>421145</b>	382684	0
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	N/A
Sample Status			<b>NORMAL</b>	NORMAL	ABNORMAL

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	<b>118</b>	112	119
Chromium	ppm	ASTM D5185m >5	<b>2</b>	2	2
Nickel	ppm	ASTM D5185m >5	<b>1</b>	<1	1
Titanium	ppm	ASTM D5185m	<b>1</b>	<1	<1
Silver	ppm	ASTM D5185m >7	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >25	<b>2</b>	3	4
Lead	ppm	ASTM D5185m >45	<b>0</b>	0	0
Copper	ppm	ASTM D5185m >225	<b>72</b>	68	67
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 139	<b>3</b>	3	3
Barium	ppm	ASTM D5185m 1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>3</b>	1	3
Manganese	ppm	ASTM D5185m	<b>66</b>	67	68
Magnesium	ppm	ASTM D5185m 1	<b>&lt;1</b>	3	2
Calcium	ppm	ASTM D5185m 30	<b>777</b>	729	755
Phosphorus	ppm	ASTM D5185m 309	<b>581</b>	644	621
Zinc	ppm	ASTM D5185m 1	<b>0</b>	9	12
Sulfur	ppm	ASTM D5185m 1340	<b>4978</b>	4390	5232

## CONTAMINANTS

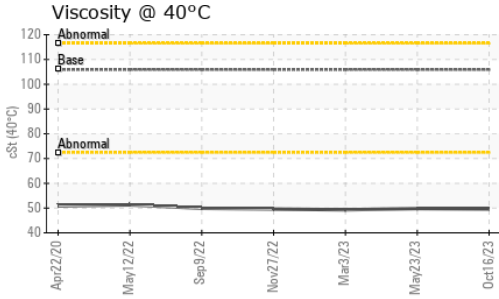
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >125	<b>93</b>	91	▲ 112
Sodium	ppm	ASTM D5185m	<b>2</b>	6	6
Potassium	ppm	ASTM D5185m >20	<b>7</b>	6	6

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	▲ MODER
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
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 >0.1	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG



# OIL ANALYSIS REPORT



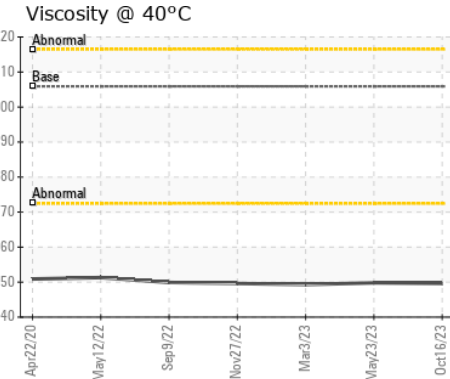
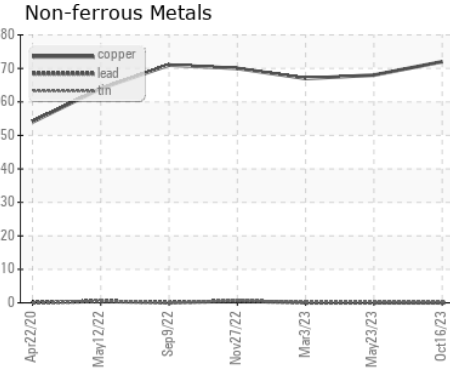
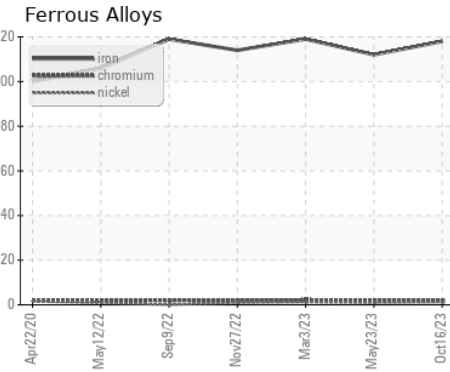
## FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	105.9	<b>49.6</b>	49.8	49.3

## SAMPLE IMAGES

method	limit/base	current	history1	history2
Color		no image	no image	no image
Bottom		no image	no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0106129 **Recieved** : 15 Dec 2023  
**Lab Number** : **06037188** **Diagnosed** : 20 Dec 2023  
**Unique Number** : 10792417 **Diagnostician** : Jonathan Hester  
**Test Package** : FLEET

**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: