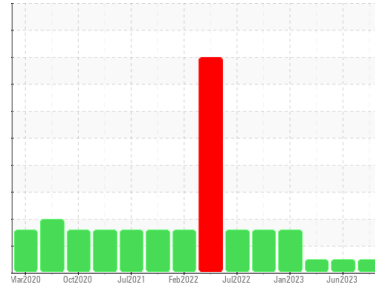


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**26524**  
 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>PCA0106387</b>	PCA0100359	PCA0094884
Sample Date	Client Info		<b>19 Sep 2023</b>	19 Jun 2023	02 Apr 2023
Machine Age	mls	Client Info	<b>616141</b>	595303	574783
Oil Age	mls	Client Info	<b>616141</b>	595303	574783
Oil Changed	Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## 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>145</b>	155	150
Chromium	ppm	ASTM D5185m >5	<b>2</b>	2	2
Nickel	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	1
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m >7	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >25	<b>6</b>	8	8
Lead	ppm	ASTM D5185m >45	<b>&lt;1</b>	0	<1
Copper	ppm	ASTM D5185m >225	<b>76</b>	76	74
Tin	ppm	ASTM D5185m >10	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 139	<b>7</b>	0	6
Barium	ppm	ASTM D5185m 1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>2</b>	<1	3
Manganese	ppm	ASTM D5185m	<b>42</b>	45	44
Magnesium	ppm	ASTM D5185m 1	<b>0</b>	2	6
Calcium	ppm	ASTM D5185m 30	<b>692</b>	754	750
Phosphorus	ppm	ASTM D5185m 309	<b>578</b>	626	647
Zinc	ppm	ASTM D5185m 1	<b>0</b>	26	22
Sulfur	ppm	ASTM D5185m 1340	<b>4431</b>	4903	5207

## CONTAMINANTS

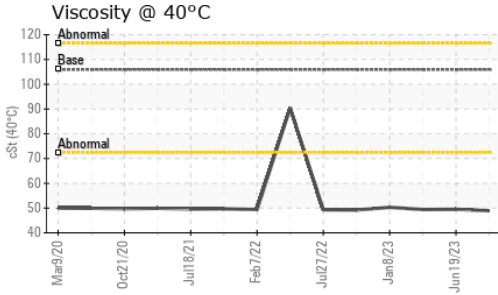
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >125	<b>63</b>	67	69
Sodium	ppm	ASTM D5185m	<b>5</b>	6	6
Potassium	ppm	ASTM D5185m >20	<b>0</b>	2	3

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
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



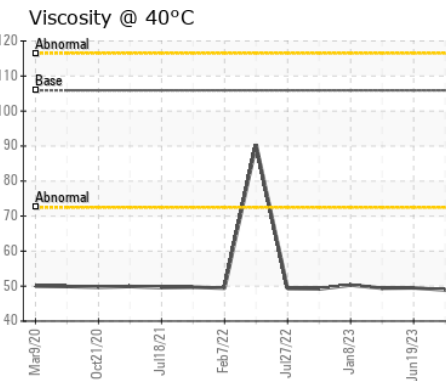
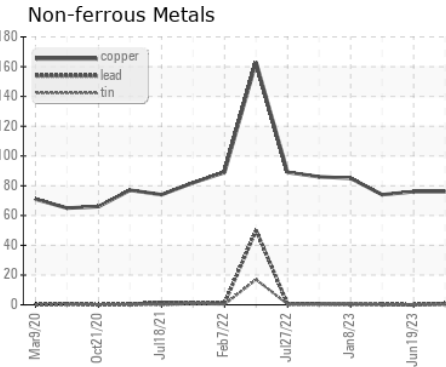
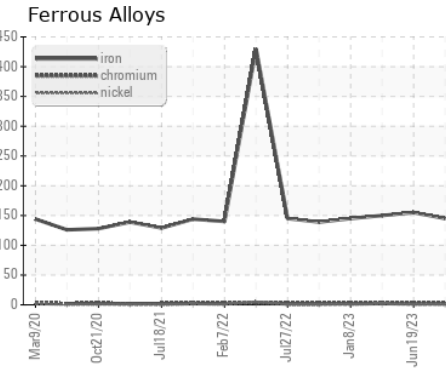
## FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	105.9	<b>48.9</b>	49.5	49.4

## 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.** : PCA0106387  
**Lab Number** : **06032022**  
**Unique Number** : 10781813  
**Test Package** : FLEET

**Received** : 11 Dec 2023  
**Diagnosed** : 14 Dec 2023  
**Diagnostician** : Don Baldrige

**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: