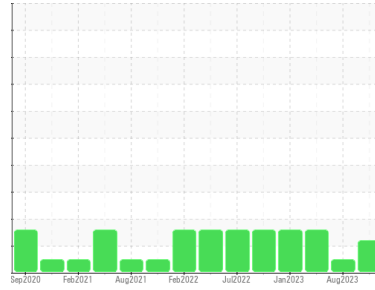


# PROBLEM SUMMARY

Sample Rating Trend



## VISUAL METAL



Machine Id  
**2026861**  
 Component  
**Transmission**  
 Fluid  
**PETRO CANADA TRAXON E SYNTHETIC 75W-90 (--- QTS)**

### COMPONENT CONDITION SUMMARY

No relevant graphs to display

### RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

### PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	NORMAL	ABNORMAL
White Metal	scalar	*Visual	NONE	<b>▲ MODER</b>	NONE	NONE

**Customer Id:** PERGEODE  
**Sample No.:** PCA06031054  
**Lab Number:** 06031054  
**Test Package:** FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Don Baldrige +1  
[don.b505@comcast.net](mailto:don.b505@comcast.net)

To change component or sample information:  
 Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.

## HISTORICAL DIAGNOSIS

21 Aug 2023 Diag:

NORMAL



view report



19 Feb 2023 Diag: Don Baldrige

DIRT



No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The condition of the fluid is acceptable for the time in service.

view report



16 Jan 2023 Diag: Jonathan Hester

DIRT



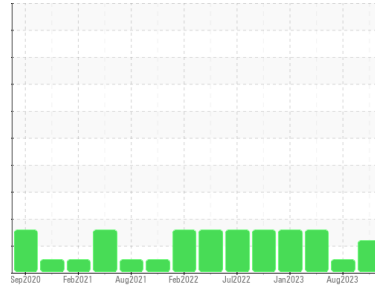
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The condition of the fluid is acceptable for the time in service.

view report



# OIL ANALYSIS REPORT

## Sample Rating Trend



## VISUAL METAL



Machine Id  
**2026861**

Component  
**Transmission**

Fluid  
**PETRO CANADA TRAXON E SYNTHETIC 75W-90 (--- QTS)**

### DIAGNOSIS

#### Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

#### Wear

Moderate concentration of visible metal present. 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>PCA06031054</b>	PCA0104347	PCA0092017
Sample Date	Client Info		<b>10 Dec 2023</b>	21 Aug 2023	19 Feb 2023
Machine Age	mls	Client Info	<b>306047</b>	328089	286182
Oil Age	mls	Client Info	<b>306047</b>	328089	0
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status			<b>ABNORMAL</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>35</b>	38	43
Chromium	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >50	<b>3</b>	3	3
Lead	ppm	ASTM D5185m >50	<b>0</b>	1	0
Copper	ppm	ASTM D5185m >200	<b>57</b>	75	88
Tin	ppm	ASTM D5185m >10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<b>0</b>	<1	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 229	<b>7</b>	▲ 6	8
Barium	ppm	ASTM D5185m <1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>0</b>	<1	1
Manganese	ppm	ASTM D5185m	<b>7</b>	6	7
Magnesium	ppm	ASTM D5185m <1	<b>2</b>	0	<1
Calcium	ppm	ASTM D5185m	<b>632</b>	▲ 588	658
Phosphorus	ppm	ASTM D5185m 1355	<b>559</b>	▲ 514	580
Zinc	ppm	ASTM D5185m	<b>63</b>	56	54
Sulfur	ppm	ASTM D5185m 22698	<b>3191</b>	▲ 3299	4067

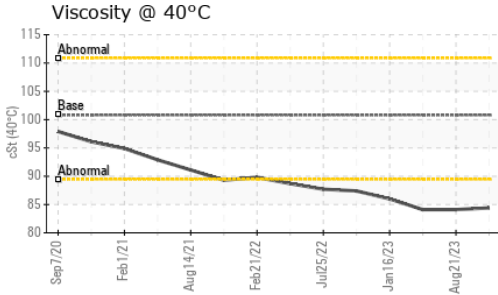
### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>49</b>	46	▲ 51
Sodium	ppm	ASTM D5185m	<b>2</b>	<1	2
Potassium	ppm	ASTM D5185m >20	<b>4</b>	<1	4

### VISUAL

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



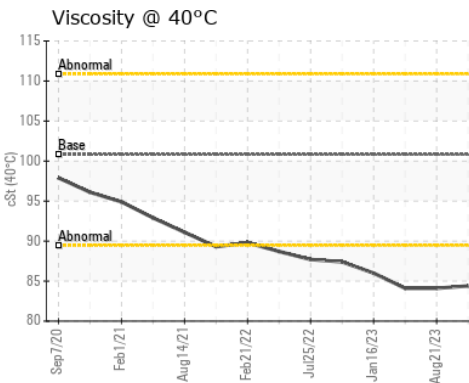
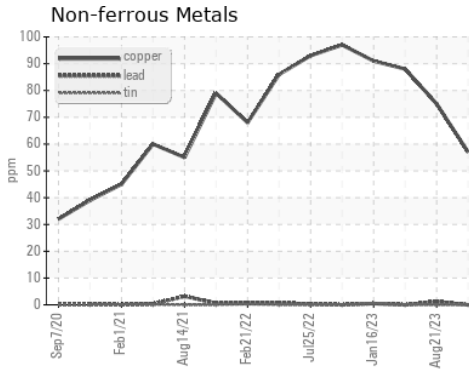
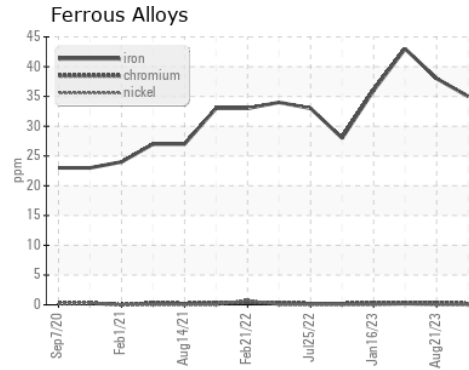
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	100.8	<b>84.4</b>	84.1

### SAMPLE IMAGES

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

### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA06031054  
**Lab Number** : 06031054  
**Unique Number** : 10780845  
**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: