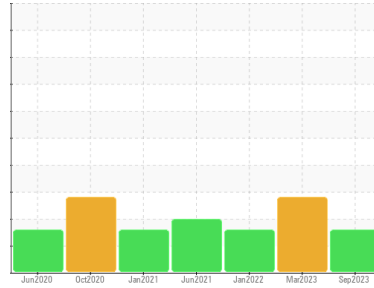




# PROBLEM SUMMARY

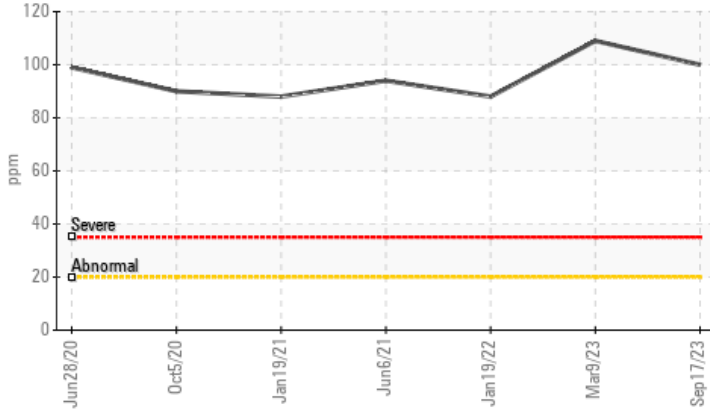
Sample Rating Trend



Machine Id  
**26331**  
 Component  
**Middle Right Transmission (Auto)**  
 Fluid  
**PETRO CANADA TRAXON E SYNTHETIC CD-50 (25 QTS)**

## COMPONENT CONDITION SUMMARY

▲ Silicon (ppm)



## RECOMMENDATION

No corrective action is recommended at this time.  
 Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL
Silicon	ppm	ASTM D5185m	>20	▲ 100	▲ 109	▲ 88

Customer Id: PERGEODE  
 Sample No.: PCA0106396  
 Lab Number: 06032023  
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Jonathan Hester +1 919-379-4092 x4092  
[jhester@wearcheckusa.com](mailto:jhester@wearcheckusa.com)

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

## RECOMMENDED ACTIONS

There are no recommended actions for this sample.

## HISTORICAL DIAGNOSIS

### 09 Mar 2023 Diag: Don Baldrige

DIRT



Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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



### 19 Jan 2022 Diag: Don Baldrige

DIRT



Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material. The condition of the fluid is acceptable for the time in service.

view report



### 06 Jun 2021 Diag: Don Baldrige

DIRT



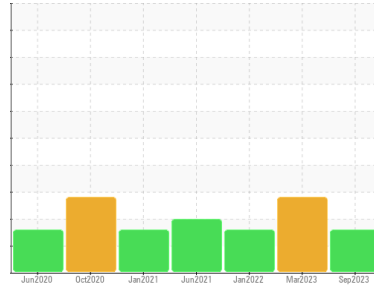
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. Elemental level of silicon (Si) above normal. The condition of the fluid is acceptable for the time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

view report



# OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id  
**26331**  
 Component  
**Middle Right Transmission (Auto)**  
 Fluid  
**PETRO CANADA TRAXON E SYNTHETIC CD-50 (25 QTS)**

## DIAGNOSIS

- Recommendation**  
 No corrective action is recommended at this time. Resample at the next service interval to monitor.
- Wear**  
 All component wear rates are normal.
- Contamination**  
 Elemental level of silicon (Si) above normal indicating ingress of seal material.
- 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>PCA0106396</b>	PCA0094428	PCA0065945
Sample Date	Client Info	<b>17 Sep 2023</b>	09 Mar 2023	19 Jan 2022
Machine Age	mls	Client Info	53355	478139
Oil Age	mls	Client Info	20575	478139
Oil Changed	Client Info	<b>Not Chngd</b>	Changed	Not Chngd
Sample Status		<b>ABNORMAL</b>	ABNORMAL	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 >160	<b>32</b>	26	176
Chromium	ppm ASTM D5185m >5	<b>&lt;1</b>	<1	3
Nickel	ppm ASTM D5185m >5	<b>&lt;1</b>	<1	2
Titanium	ppm ASTM D5185m	<b>0</b>	0	2
Silver	ppm ASTM D5185m >5	<b>0</b>	0	<1
Aluminum	ppm ASTM D5185m >50	<b>&lt;1</b>	1	5
Lead	ppm ASTM D5185m >50	<b>&lt;1</b>	0	1
Copper	ppm ASTM D5185m >225	<b>20</b>	14	124
Tin	ppm ASTM D5185m >10	<b>0</b>	0	1
Antimony	ppm ASTM D5185m	<b>---</b>	---	<1
Vanadium	ppm ASTM D5185m	<b>&lt;1</b>	0	<1
Cadmium	ppm ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 1	<b>5</b>	5	10
Barium	ppm ASTM D5185m 1	<b>0</b>	0	0
Molybdenum	ppm ASTM D5185m	<b>2</b>	1	4
Manganese	ppm ASTM D5185m	<b>14</b>	13	46
Magnesium	ppm ASTM D5185m 1	<b>0</b>	1	5
Calcium	ppm ASTM D5185m 40	<b>786</b>	835	876
Phosphorus	ppm ASTM D5185m 1072	<b>655</b>	660	716
Zinc	ppm ASTM D5185m 4	<b>0</b>	2	28
Sulfur	ppm ASTM D5185m 439	<b>5498</b>	5808	4130

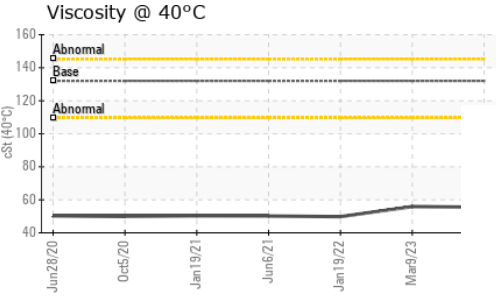
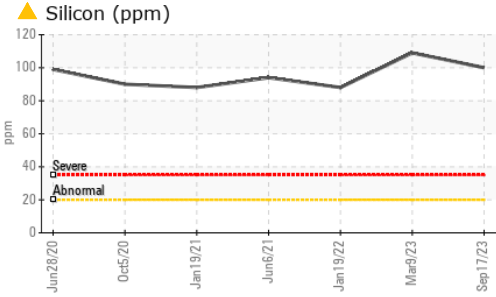
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	<b>▲ 100</b>	▲ 109	▲ 88
Sodium	ppm ASTM D5185m	<b>2</b>	3	4
Potassium	ppm ASTM D5185m >20	<b>&lt;1</b>	5	3

## VISUAL

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



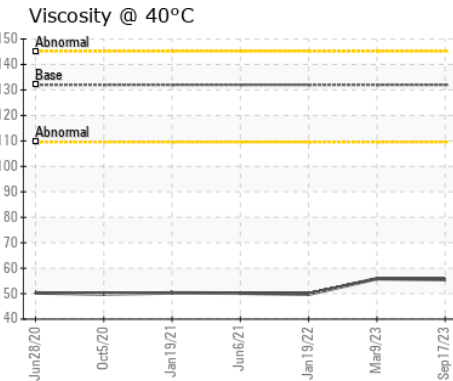
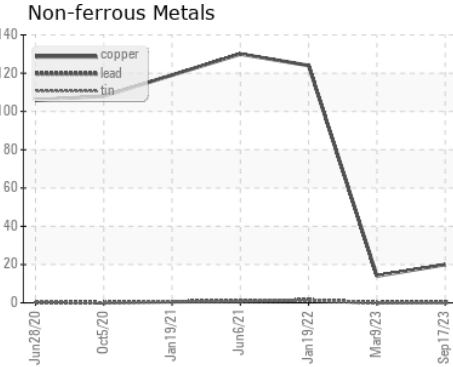
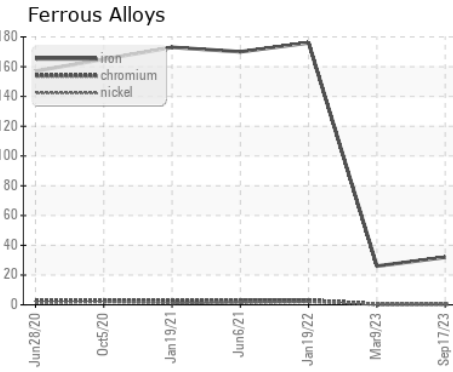
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	132	55.5	55.9 49.8

### 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.** : PCA0106396 **Received** : 11 Dec 2023  
**Lab Number** : 06032023 **Diagnosed** : 14 Dec 2023  
**Unique Number** : 10781814 **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: