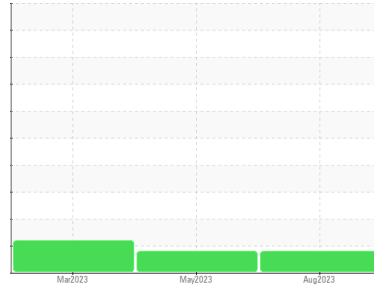


# PROBLEM SUMMARY

Sample Rating Trend



**SEDIMENT**



Machine Id  
**2126924**  
 Component  
**Transmission**  
 Fluid  
**PETRO CANADA SYNGEAR E CD-50 (--- QTS)**

## COMPONENT CONDITION SUMMARY

No relevant graphs to display

## 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
Silt	scalar	*Visual	NONE	<b>▲ MODER</b>	▲ MODER	NONE

**Customer Id:** PERGEODE  
**Sample No.:** PCA0101677  
**Lab Number:** 06032032  
**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

### 22 May 2023 Diag: Don Baldrige

#### SEDIMENT



Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is a moderate amount of visible silt present in the sample. The condition of the fluid is acceptable for the time in service.

view report



### 13 Mar 2023 Diag: Don Baldrige

#### VISUAL METAL



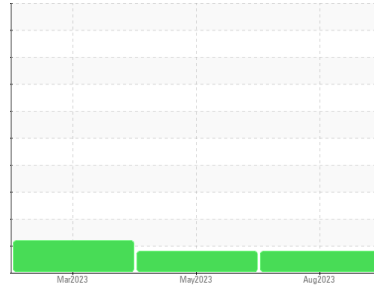
We suspect abnormal metal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



# OIL ANALYSIS REPORT

Sample Rating Trend



**SEDIMENT**



Machine Id  
**2126924**

Component  
**Transmission**

Fluid  
**PETRO CANADA SYNGEAR E CD-50 (--- QTS)**

## DIAGNOSIS

### ▲ Recommendation

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

### Wear

Metal levels are typical for a new component breaking in.

### ▲ Contamination

There is a moderate amount of visible silt present in the sample.

### 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>PCA0101677</b>	PCA0099473	PCA0094888
Sample Date	Client Info		<b>14 Aug 2023</b>	22 May 2023	13 Mar 2023
Machine Age	mls	Client Info	<b>61312</b>	40755	21693
Oil Age	mls	Client Info	<b>61312</b>	40755	21693
Oil Changed	Client Info		<b>Not Changed</b>	Not Changd	Not Changed
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 >200	<b>22</b>	21	40
Chromium	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m	<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >50	<b>2</b>	1	2
Lead	ppm	ASTM D5185m >50	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m >200	<b>45</b>	38	34
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	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m	<b>11</b>	14	25
Magnesium	ppm	ASTM D5185m	<b>0</b>	2	1
Calcium	ppm	ASTM D5185m	<b>872</b>	828	944
Phosphorus	ppm	ASTM D5185m	<b>683</b>	668	707
Zinc	ppm	ASTM D5185m	<b>0</b>	2	4
Sulfur	ppm	ASTM D5185m	<b>5471</b>	4948	5703

## CONTAMINANTS

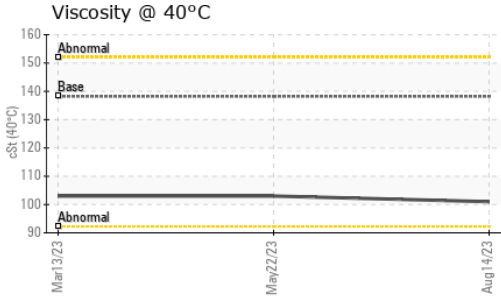
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>53</b>	54	52
Sodium	ppm	ASTM D5185m	<b>1</b>	2	4
Potassium	ppm	ASTM D5185m >20	<b>0</b>	0	<1

## 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>MODER</b>	▲ MODER	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



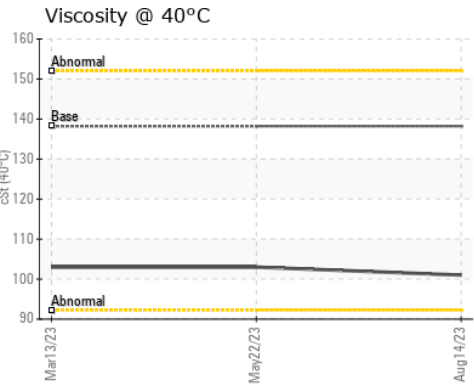
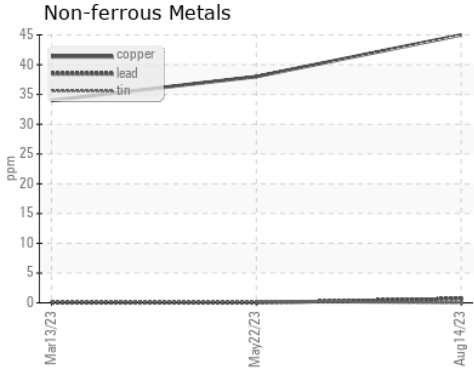
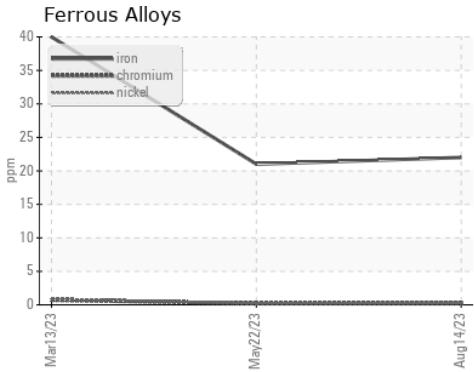
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	138.2	<b>101</b>	103

### 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.** : PCA0101677 **Recieved** : 11 Dec 2023  
**Lab Number** : **06032032** **Diagnosed** : 14 Dec 2023  
**Unique Number** : 10781823 **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: