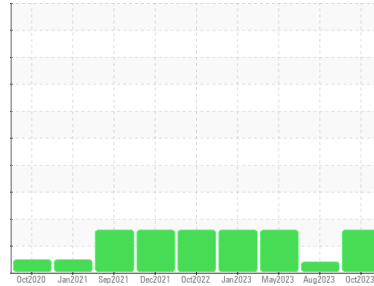


# OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id  
**2026822**

Component  
**Right Transmission**

Fluid  
**PETRO CANADA TRAXON SYNTHETIC CD-50 (--- GAL)**

## 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>PCA0108176</b>	PCA0102175	PCA0092007	
Sample Date	Client Info	<b>27 Oct 2023</b>	21 Aug 2023	01 May 2023	
Machine Age	mls	Client Info	<b>296830</b>	275802	254354
Oil Age	mls	Client Info	<b>0</b>	0	254354
Oil Changed	Client Info	<b>Not Chngd</b>	N/A	Not Chngd	
Sample Status		<b>ABNORMAL</b>	ATTENTION	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>27</b>	0	25
Chromium	ppm	ASTM D5185m >10	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	<b>&lt;1</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>1</b>	<1	<1
Lead	ppm	ASTM D5185m >50	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m >200	<b>77</b>	0	77
Tin	ppm	ASTM D5185m >10	<b>0</b>	0	0
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>6</b>	0	5
Barium	ppm	ASTM D5185m 1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>1</b>	0	1
Manganese	ppm	ASTM D5185m	<b>6</b>	<1	6
Magnesium	ppm	ASTM D5185m 1	<b>1</b>	1	2
Calcium	ppm	ASTM D5185m 30	<b>694</b>	768	730
Phosphorus	ppm	ASTM D5185m 309	<b>510</b>	601	579
Zinc	ppm	ASTM D5185m 1	<b>14</b>	0	28
Sulfur	ppm	ASTM D5185m 1340	<b>3997</b>	3897	3120

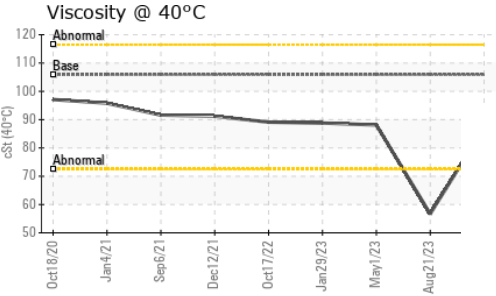
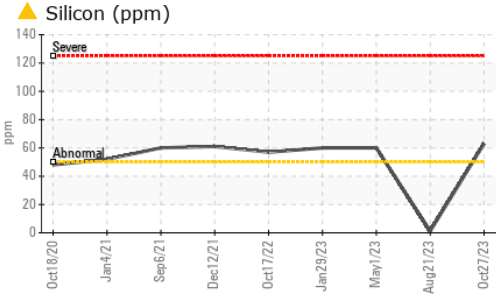
## CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >50	<b>▲ 63</b>	1	<b>▲ 60</b>
Sodium	ppm	ASTM D5185m	<b>0</b>	<1	2
Potassium	ppm	ASTM D5185m >20	<b>7</b>	0	4

## 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>LIGHT</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

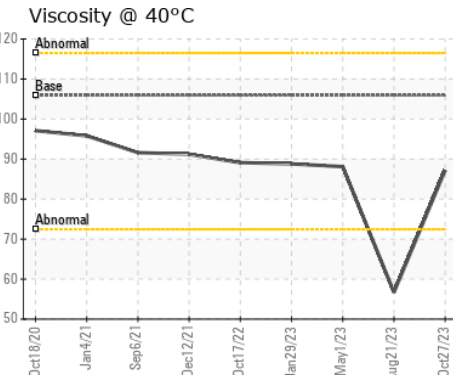
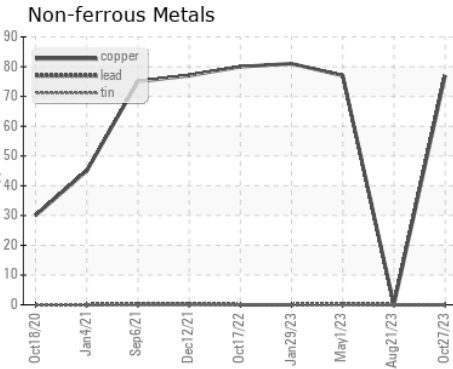
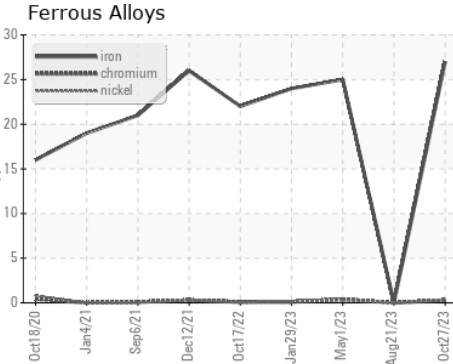


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	105.9	<b>87.2</b>	▲ 56.7	88.1

SAMPLE IMAGES		method	limit/base	current	history1	history2
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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.** : PCA0108176 **Recieved** : 15 Dec 2023  
**Lab Number** : 06037184 **Diagnosed** : 20 Dec 2023  
**Unique Number** : 10792413 **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: