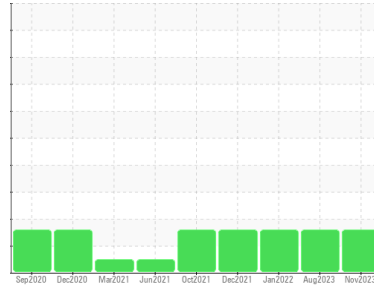


# OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id  
**2026857**  
 Component  
**Bottom Left Transmission**  
 Fluid  
**PETRO CANADA TRAXON E SYNTHETIC CD-50 (--- 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>PCA0113253</b>	PCA0104341	PCA0065937
Sample Date	Client Info	<b>27 Nov 2023</b>	24 Aug 2023	13 Jan 2022
Machine Age	mls	Client Info	232826	132966
Oil Age	mls	Client Info	323826	0
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	N/A
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>30</b>	26	23
Chromium	ppm ASTM D5185m >10	<b>&lt;1</b>	<1	<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	<1
Aluminum	ppm ASTM D5185m >50	<b>1</b>	1	2
Lead	ppm ASTM D5185m >50	<b>0</b>	<1	<1
Copper	ppm ASTM D5185m >200	<b>77</b>	60	61
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>	<1	0
Cadmium	ppm ASTM D5185m	<b>&lt;1</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 1	<b>7</b>	6	8
Barium	ppm ASTM D5185m 1	<b>0</b>	0	0
Molybdenum	ppm ASTM D5185m	<b>1</b>	<1	1
Manganese	ppm ASTM D5185m	<b>8</b>	8	8
Magnesium	ppm ASTM D5185m 1	<b>&lt;1</b>	0	3
Calcium	ppm ASTM D5185m 40	<b>708</b>	642	827
Phosphorus	ppm ASTM D5185m 1072	<b>540</b>	544	656
Zinc	ppm ASTM D5185m 4	<b>1</b>	0	11
Sulfur	ppm ASTM D5185m 439	<b>3764</b>	3595	3431

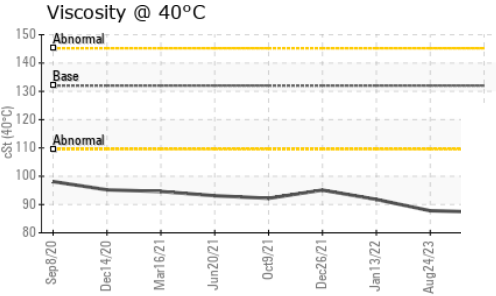
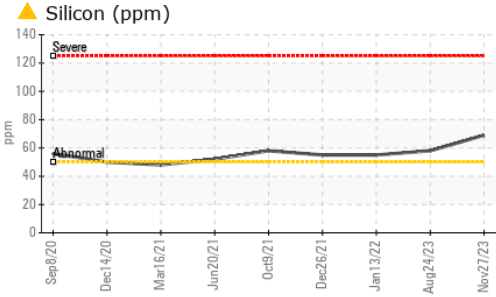
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	<b>▲ 69</b>	▲ 58	▲ 55
Sodium	ppm ASTM D5185m	<b>0</b>	<1	1
Potassium	ppm ASTM D5185m >20	<b>7</b>	2	6

## 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

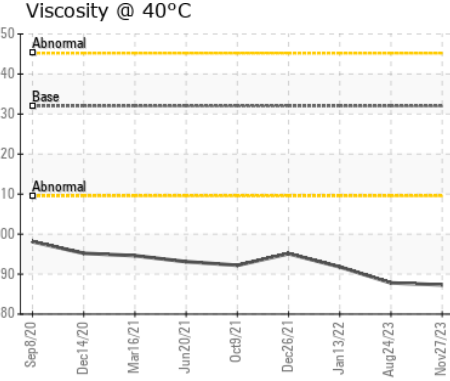
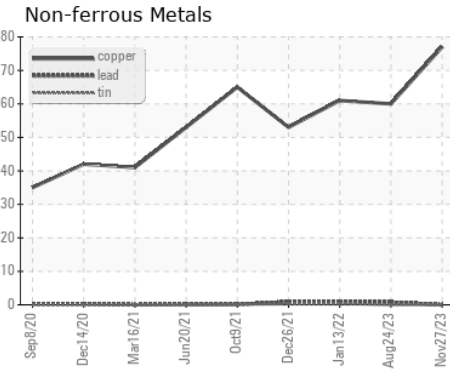
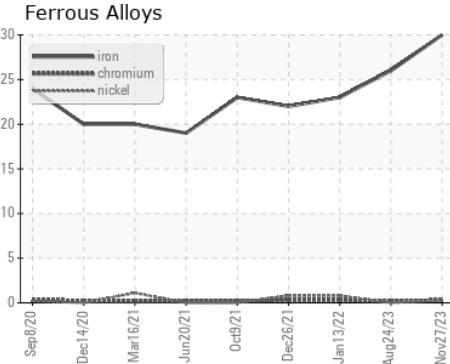


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	132	87.3	87.8	91.8

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.** : PCA0113253 **Received** : 15 Dec 2023  
**Lab Number** : 06037179 **Diagnosed** : 20 Dec 2023  
**Unique Number** : 10792408 **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: