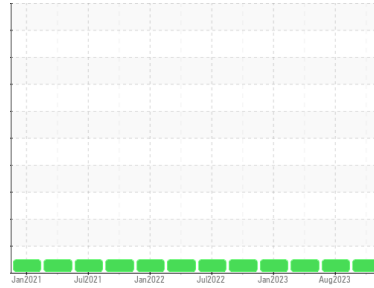


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**2026835**

Component  
**Front Differential**  
Fluid

**PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

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>PCA0110935</b>	PCA0104337	PCA0093691
Sample Date	Client Info			<b>08 Nov 2023</b>	23 Aug 2023	04 Apr 2023
Machine Age	mls	Client Info		<b>347902</b>	326015	285945
Oil Age	mls	Client Info		<b>0</b>	326015	285945
Oil Changed	Client Info			<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>.2	<b>NEG</b>	NEG	NEG

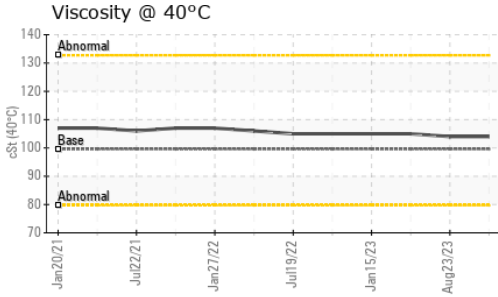
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	<b>250</b>	222	208
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	2	2
Nickel	ppm	ASTM D5185m	>10	<b>4</b>	4	4
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	1	2
Lead	ppm	ASTM D5185m	>25	<b>1</b>	1	0
Copper	ppm	ASTM D5185m	>100	<b>33</b>	30	27
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	1
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	328	<b>235</b>	207	260
Barium	ppm	ASTM D5185m	1	<b>2</b>	0	2
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>11</b>	10	11
Magnesium	ppm	ASTM D5185m	1	<b>0</b>	0	3
Calcium	ppm	ASTM D5185m	7	<b>8</b>	0	11
Phosphorus	ppm	ASTM D5185m	1145	<b>1347</b>	1330	1340
Zinc	ppm	ASTM D5185m	3	<b>9</b>	0	9
Sulfur	ppm	ASTM D5185m	17909	<b>22014</b>	24035	26546

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	<b>47</b>	41	30
Sodium	ppm	ASTM D5185m		<b>9</b>	8	8
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	3

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	>.2	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual		<b>NEG</b>	NEG	NEG

# OIL ANALYSIS REPORT

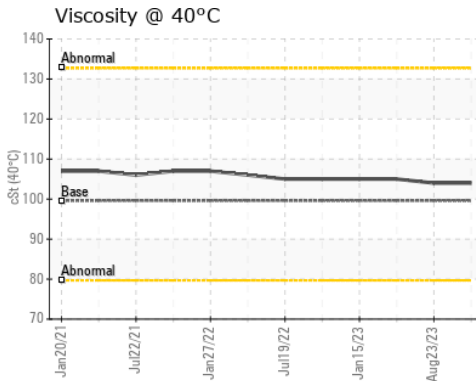
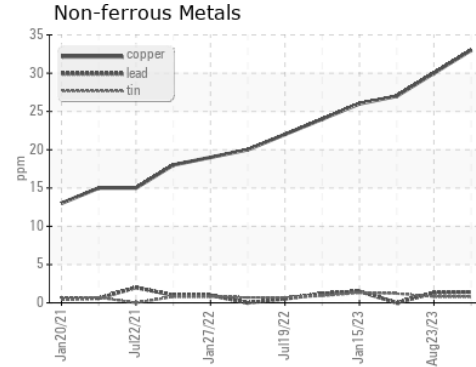
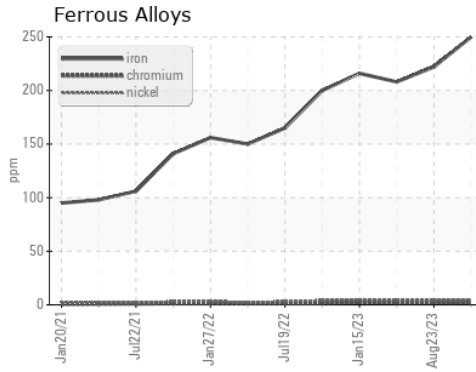


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	99.6	<b>104</b>	104	105

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.** : PCA0110935 **Received** : 15 Dec 2023  
**Lab Number** : 06036386 **Diagnosed** : 19 Dec 2023  
**Unique Number** : 10791615 **Diagnostician** : Don Baldrige  
**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: