

# OIL ANALYSIS REPORT

## Sample Rating Trend

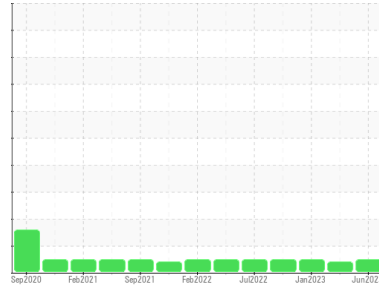
**NORMAL**



Machine Id  
**2026813**

Component  
**2 Differential**  
Fluid

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



## 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 oil.

### Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>PCA0100150</b>	PCA0095195	PCA0090099
Sample Date	Client Info			<b>12 Jun 2023</b>	27 Mar 2023	10 Jan 2023
Machine Age	mls	Client Info		<b>295803</b>	274909	256464
Oil Age	mls	Client Info		<b>295803</b>	274909	256464
Oil Changed	Client Info			<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	<b>188</b>	153	161
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	1	1
Nickel	ppm	ASTM D5185m	>10	<b>8</b>	7	7
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	3	3
Lead	ppm	ASTM D5185m	>25	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m	>100	<b>3</b>	1	3
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	328	<b>333</b>	258	293
Barium	ppm	ASTM D5185m	1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>12</b>	11	11
Magnesium	ppm	ASTM D5185m	1	<b>0</b>	3	1
Calcium	ppm	ASTM D5185m	7	<b>8</b>	10	10
Phosphorus	ppm	ASTM D5185m	1145	<b>1399</b>	1405	1351
Zinc	ppm	ASTM D5185m	3	<b>16</b>	15	16
Sulfur	ppm	ASTM D5185m	17909	<b>26810</b>	29236	27526

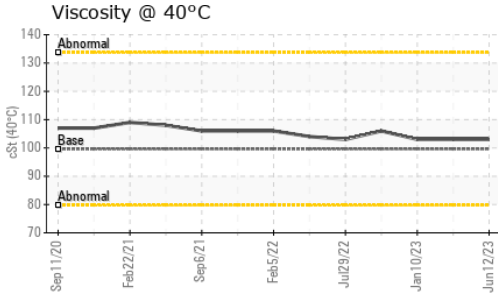
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	<b>32</b>	26	28
Sodium	ppm	ASTM D5185m		<b>8</b>	7	8
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	3	2

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>	▲ MODER	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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	99.6	<b>103</b>	103	103

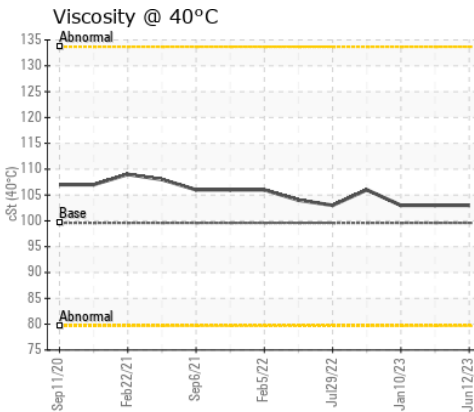
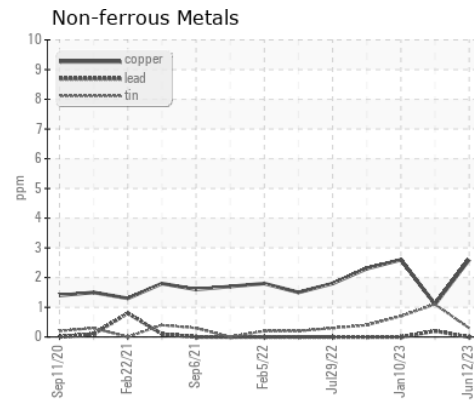
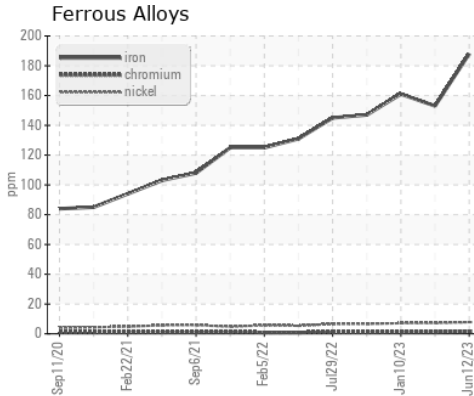


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SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0100150  
**Lab Number** : 05931108  
**Unique Number** : 10616379  
**Test Package** : FLEET

**Received** : 22 Aug 2023  
**Diagnosed** : 23 Aug 2023  
**Diagnostician** : Don Baldrige

**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: