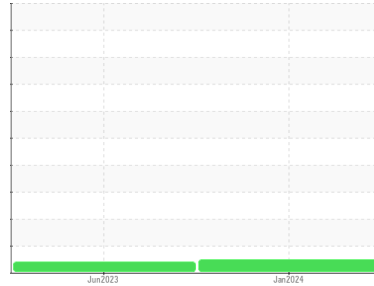


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**DT841**  
Component  
**Front Differential**  
Fluid  
**PETRO CANADA TRAXON SYNTHETIC 75W90 (4 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 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>PCA0113224</b>	PCA0096999	---
Sample Date	Client Info			<b>11 Jan 2024</b>	12 Jun 2023	---
Machine Age	mls	Client Info		<b>52305</b>	26834	---
Oil Age	mls	Client Info		<b>52305</b>	26834	---
Oil Changed	Client Info			<b>Not Chngd</b>	Not Chngd	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---

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

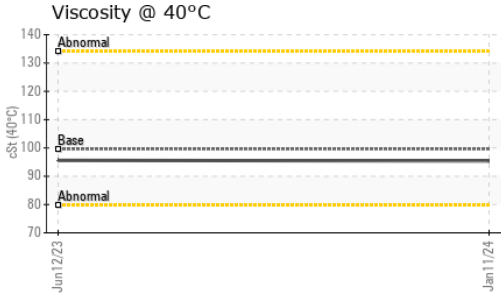
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>1200	<b>154</b>	125	---
Chromium	ppm	ASTM D5185m	>8	<b>1</b>	1	---
Nickel	ppm	ASTM D5185m	>20	<b>9</b>	7	---
Titanium	ppm	ASTM D5185m	>4	<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185m	>30	<b>3</b>	1	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>1</b>	1	---
Tin	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	<1	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	328	<b>152</b>	164	---
Barium	ppm	ASTM D5185m	1	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>3</b>	3	---
Magnesium	ppm	ASTM D5185m	1	<b>1</b>	3	---
Calcium	ppm	ASTM D5185m	7	<b>8</b>	16	---
Phosphorus	ppm	ASTM D5185m	1145	<b>1034</b>	1048	---
Zinc	ppm	ASTM D5185m	3	<b>0</b>	2	---
Sulfur	ppm	ASTM D5185m	17909	<b>23179</b>	28742	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>230	<b>136</b>	126	---
Sodium	ppm	ASTM D5185m		<b>3</b>	3	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>.2	<b>NEG</b>	NEG	---
Free Water	scalar	*Visual		<b>NEG</b>	NEG	---

# OIL ANALYSIS REPORT



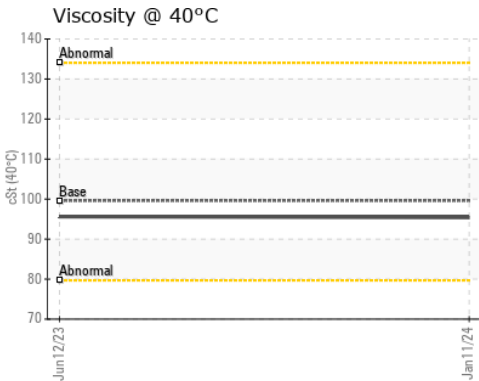
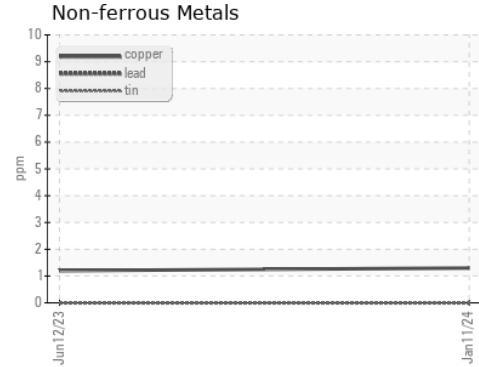
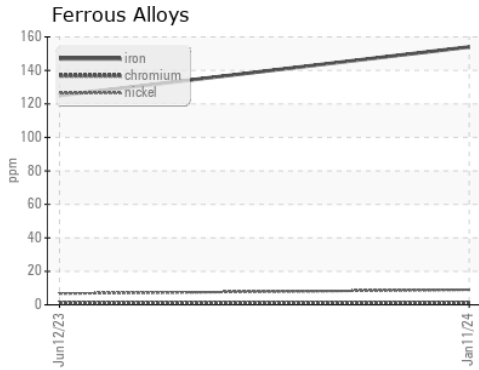
### FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	99.6	<b>95.4</b>	95.6	---

### 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.** : PCA0113224 **Recieved** : 22 Jan 2024  
**Lab Number** : **06067121** **Diagnosed** : 23 Jan 2024  
**Unique Number** : 10843798 **Diagnostician** : Wes Davis  
**Test Package** : FLEET

**NW WHITE & CO - ANDERSON DIVISION**  
 2605 RIVER RD  
 PIEDMONT, SC  
 US 29673  
 Contact: James Threatt  
 jthreatt@nwwhite.com  
 T: (864)918-4646  
 F:

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)