



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**DT808**  
 Component  
**Front Differential**  
 Fluid  
**PETRO CANADA TRAXON SYNTHETIC 75W90 (4 GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0113238</b>	PCA0103269	PCA0091223
Sample Date		Client Info		<b>09 Apr 2024</b>	28 Aug 2023	25 Jan 2023
Machine Age	mls	Client Info		<b>128874</b>	102091	76142
Oil Age	mls	Client Info		<b>102925</b>	25949	76142
Filter Age	mls	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Changed
Filter Changed		Client Info		<b>Not Changed</b>	None	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>106</b>	52	129
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	<1	1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	2
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>	<1	<1
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>100	<b>&lt;1</b>	<1	34
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
White Metal	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

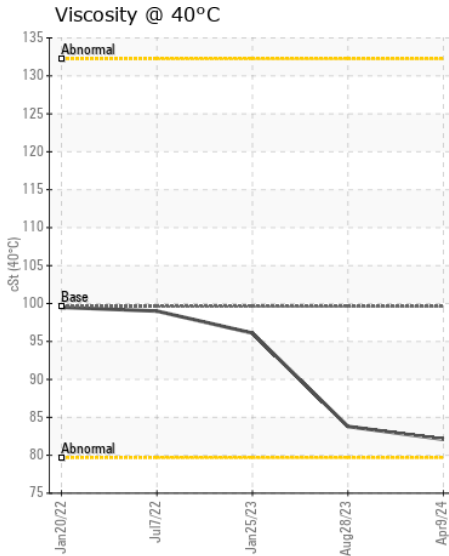
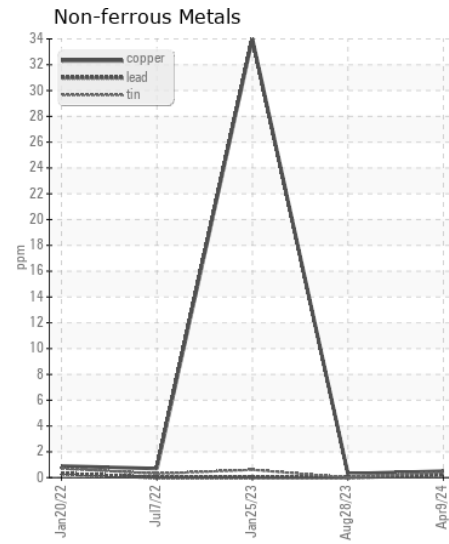
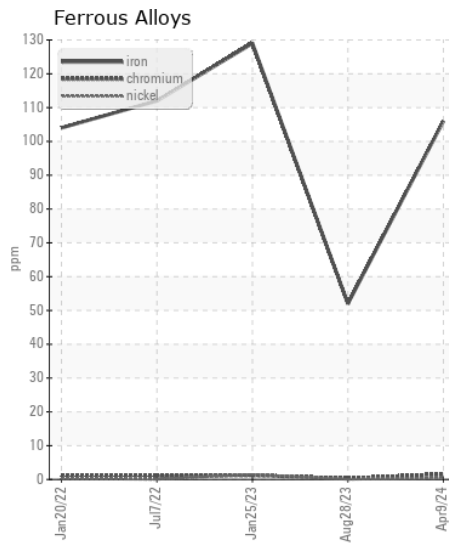
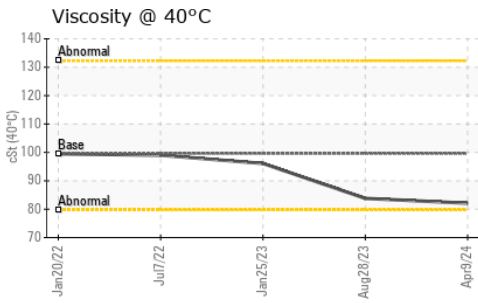
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>11</b>	8	28
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	0	4
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>LIGHT</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

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>3</b>	2	6
Boron	ppm	ASTM D5185m	328	<b>213</b>	253	257
Barium	ppm	ASTM D5185m	1	<b>0</b>	0	2
Molybdenum	ppm	ASTM D5185m		<b>20</b>	20	<1
Manganese	ppm	ASTM D5185m		<b>2</b>	2	17
Magnesium	ppm	ASTM D5185m	1	<b>174</b>	175	1
Calcium	ppm	ASTM D5185m	7	<b>303</b>	299	13
Phosphorus	ppm	ASTM D5185m	1145	<b>1347</b>	1293	1358
Zinc	ppm	ASTM D5185m	3	<b>276</b>	261	13
Sulfur	ppm	ASTM D5185m	17909	<b>22213</b>	23164	24882
Visc @ 40°C	cSt	ASTM D445	99.6	<b>82.1</b>	83.8	96.1



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0113238  
**Lab Number** : 06158588  
**Unique Number** : 10994011  
**Test Package** : FLEET

**Received** : 23 Apr 2024  
**Tested** : 25 Apr 2024  
**Diagnosed** : 25 Apr 2024 - Angela Borella

**NW WHITE & CO - ANDERSON DIVISION**  
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 US 29673

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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)