



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

Machine Id  
**2026868**

Component  
**1 Differential**

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

**RECOMMENDATION**

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0121401</b>	PCA0115434	PCA0109386
Sample Date		Client Info		<b>23 Mar 2024</b>	07 Jan 2024	22 Oct 2023
Machine Age	mls	Client Info		<b>436090</b>	415485	393973
Oil Age	mls	Client Info		<b>0</b>	415485	393973
Filter Age	mls	Client Info		<b>0</b>	415485	393973
Oil Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>247</b>	315	316
Chromium	ppm	ASTM D5185m	>10	<b>1</b>	2	2
Nickel	ppm	ASTM D5185m	>10	<b>4</b>	6	7
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>1</b>	2	2
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	4	3
Copper	ppm	ASTM D5185m	>100	<b>46</b>	64	66
Tin	ppm	ASTM D5185m	>10	<b>0</b>	4	3
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

Moderate concentration of visible dirt/debris present in the oil.

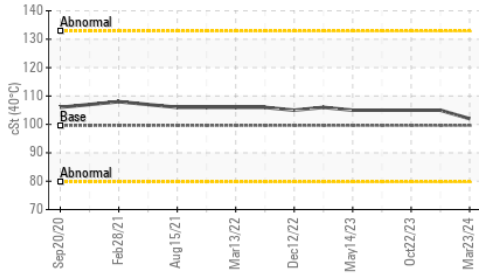
Silicon	ppm	ASTM D5185m	>75	<b>45</b>	63	61
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	5	2
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>▲ MODER</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	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**

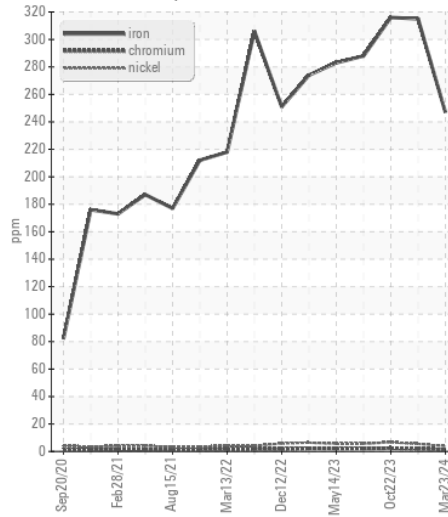
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>7</b>	9	8
Boron	ppm	ASTM D5185m	328	<b>185</b>	178	204
Barium	ppm	ASTM D5185m	1	<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>11</b>	14	15
Magnesium	ppm	ASTM D5185m	1	<b>0</b>	0	1
Calcium	ppm	ASTM D5185m	7	<b>7</b>	0	8
Phosphorus	ppm	ASTM D5185m	1145	<b>1339</b>	1341	1265
Zinc	ppm	ASTM D5185m	3	<b>12</b>	3	0
Sulfur	ppm	ASTM D5185m	17909	<b>26033</b>	23346	24162
Visc @ 40°C	cSt	ASTM D445	99.6	<b>102</b>	105	105

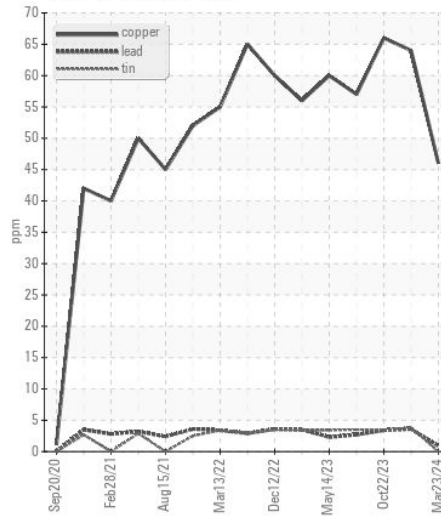
Viscosity @ 40°C



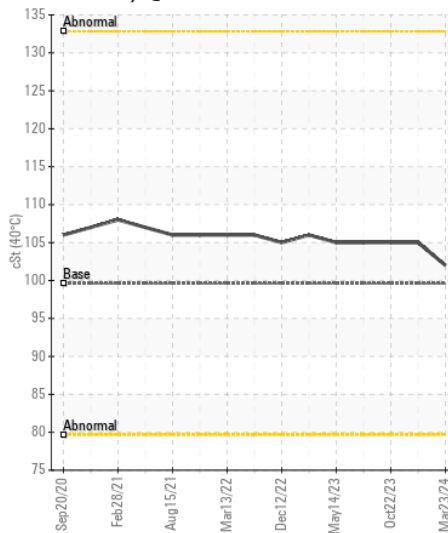
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0121401  
**Lab Number** : 06220171  
**Unique Number** : 11098368  
**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)

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F: