



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

Machine Id  
**VOLVO VNR 26664 (S/N 4V4WC9EH9KN218551)**

Component  
**Front Differential**

Fluid  
**PETRO CANADA TRAXON SYNTHETIC MTF 75W80 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0099157</b>	PCA0089376	PCA0079385
Sample Date		Client Info		<b>01 Jun 2023</b>	10 Jan 2023	05 Oct 2022
Machine Age	mls	Client Info		<b>349742</b>	327052	308039
Oil Age	mls	Client Info		<b>349742</b>	0	308039
Filter Age	mls	Client Info		<b>0</b>	0	308039
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Oil Added
Filter Changed		Client Info		<b>N/A</b>	Not Changd	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>208</b>	120	202
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	1	2
Nickel	ppm	ASTM D5185m	>10	<b>7</b>	10	6
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>3</b>	4	3
Lead	ppm	ASTM D5185m	>25	<b>2</b>	0	2
Copper	ppm	ASTM D5185m	>100	<b>35</b>	1	34
Tin	ppm	ASTM D5185m	>10	<b>1</b>	<1	1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

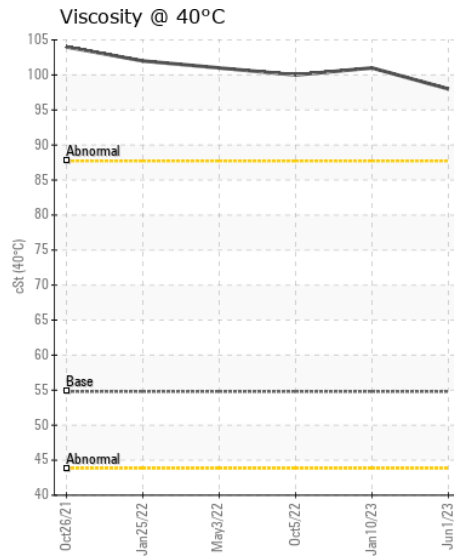
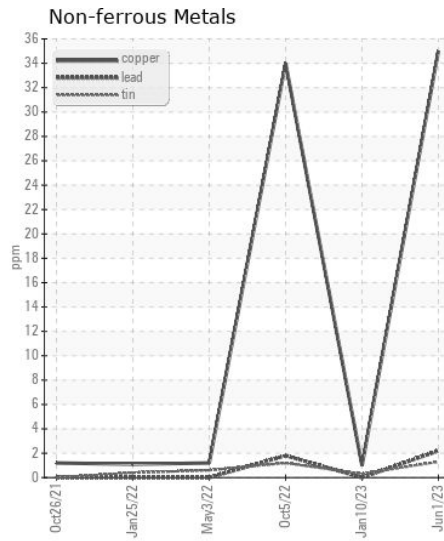
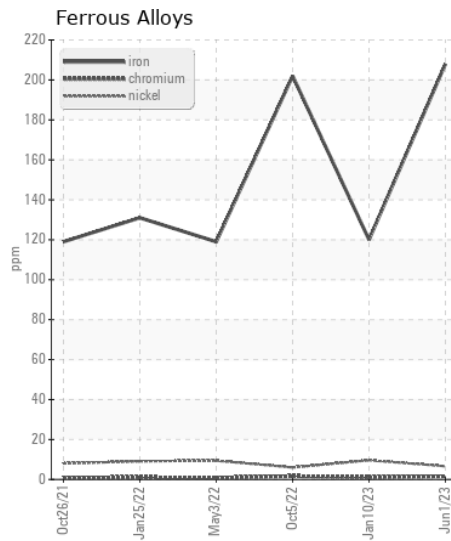
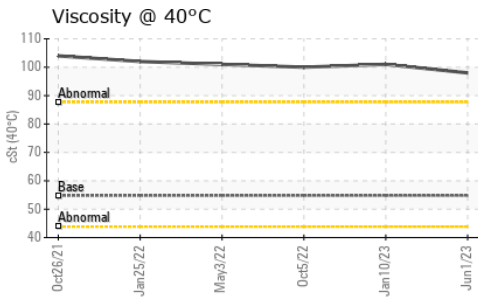
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>28</b>	15	28
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	3	0
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
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

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>6</b>	6	6
Boron	ppm	ASTM D5185m	0	<b>305</b>	266	267
Barium	ppm	ASTM D5185m	0	<b>1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>9</b>	7	8
Magnesium	ppm	ASTM D5185m	3	<b>2</b>	<1	0
Calcium	ppm	ASTM D5185m	731	<b>14</b>	6	10
Phosphorus	ppm	ASTM D5185m	628	<b>1514</b>	1229	1329
Zinc	ppm	ASTM D5185m	1	<b>20</b>	17	6
Sulfur	ppm	ASTM D5185m	2556	<b>25518</b>	20075	25056
Visc @ 40°C	cSt	ASTM D445	54.8	<b>98.0</b>	101	100



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0099157  
**Lab Number** : 06174479  
**Unique Number** : 11020532  
**Test Package** : FLEET  
**Received** : 09 May 2024  
**Tested** : 10 May 2024  
**Diagnosed** : 13 May 2024 - Don Baldrige

**PERDUE FARMS - BRIDGEVILLE**  
 8634 E NEWTON RD  
 BRIDGEVILLE, DE  
 US 19933  
 Contact: GEORGE LACATES

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: