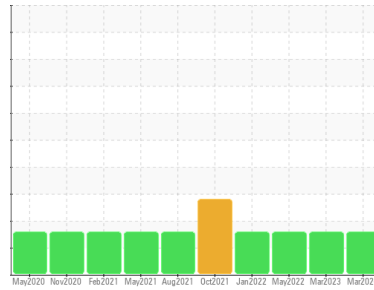


# OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id  
**VOLVO 26424**

Component  
**Transmission (Auto)**

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

## DIAGNOSIS

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

**Wear**  
All component wear rates are normal.

**Contamination**  
Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material.

**Fluid Condition**  
The condition of the fluid is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PCA0116019</b>	PCA0092273	PCA0071629
Sample Date	Client Info	<b>07 Mar 2024</b>	02 Mar 2023	20 May 2022
Machine Age	mls	Client Info	384444	403289
Oil Age	mls	Client Info	384444	403289
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status		<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	NEG	NEG

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >160	<b>133</b>	162	117
Chromium	ppm ASTM D5185m >5	<b>2</b>	3	2
Nickel	ppm ASTM D5185m >5	<b>&lt;1</b>	2	0
Titanium	ppm ASTM D5185m	<b>&lt;1</b>	<1	<1
Silver	ppm ASTM D5185m >5	<b>0</b>	0	0
Aluminum	ppm ASTM D5185m >50	<b>11</b>	11	10
Lead	ppm ASTM D5185m >50	<b>1</b>	0	1
Copper	ppm ASTM D5185m >225	<b>83</b>	91	87
Tin	ppm ASTM D5185m >10	<b>1</b>	<1	<1
Vanadium	ppm ASTM D5185m	<b>&lt;1</b>	0	0
Cadmium	ppm ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 0	<b>2</b>	3	4
Barium	ppm ASTM D5185m 0	<b>&lt;1</b>	0	0
Molybdenum	ppm ASTM D5185m	<b>3</b>	3	2
Manganese	ppm ASTM D5185m	<b>53</b>	62	51
Magnesium	ppm ASTM D5185m 3	<b>2</b>	1	2
Calcium	ppm ASTM D5185m 731	<b>811</b>	794	775
Phosphorus	ppm ASTM D5185m 628	<b>699</b>	631	596
Zinc	ppm ASTM D5185m 1	<b>54</b>	37	45
Sulfur	ppm ASTM D5185m 2556	<b>4911</b>	5260	4500

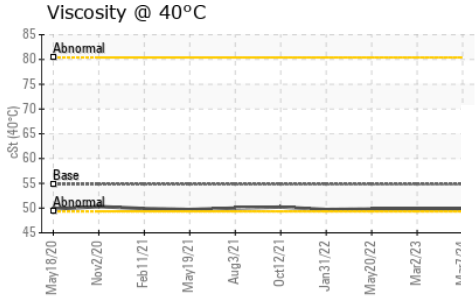
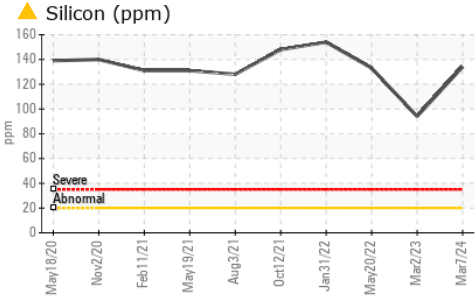
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	<b>▲ 134</b>	▲ 94	▲ 133
Sodium	ppm ASTM D5185m	<b>4</b>	6	2
Potassium	ppm ASTM D5185m >20	<b>5</b>	3	4

## 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>	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 >0.1	<b>NEG</b>	NEG	NEG
Free Water	scalar *Visual	<b>NEG</b>	NEG	NEG

# OIL ANALYSIS REPORT

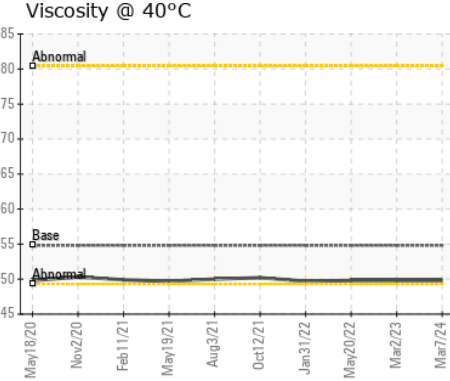
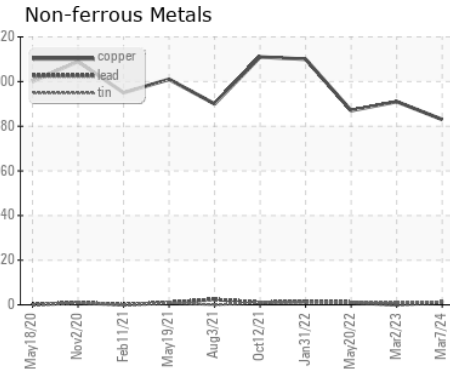
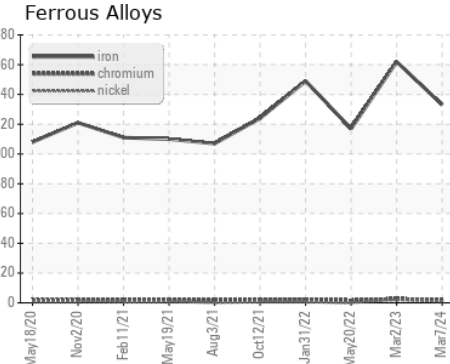


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	54.8	<b>49.8</b>	49.8	49.8

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0116019 **Received** : 09 May 2024  
**Lab Number** : **06174507** **Tested** : 10 May 2024  
**Unique Number** : 11020560 **Diagnosed** : 13 May 2024 - Don Baldrige  
**Test Package** : FLEET

**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: