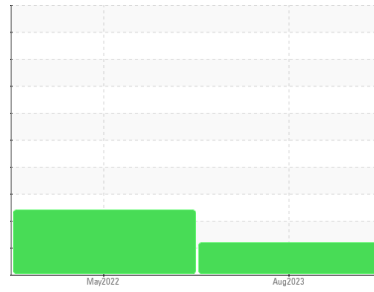


# PROBLEM SUMMARY

Machine Id  
**VOLVO 26440**  
 Component  
**Transmission**  
 Fluid  
**NOT GIVEN (43 QTS)**

Sample Rating Trend



**VISUAL METAL**



## COMPONENT CONDITION SUMMARY

No relevant graphs to display

### RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

### PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	---
White Metal	scalar	*Visual	NONE	▲ MODER	NONE	---

**Customer Id:** PERDILSC  
**Sample No.:** PCA0102781  
**Lab Number:** 05928523  
**Test Package:** FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldrige +1  
[don.b505@comcast.net](mailto:don.b505@comcast.net)

To change component or sample information:

Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.

## HISTORICAL DIAGNOSIS

18 May 2022 Diag: Jonathan Hester

DIRT



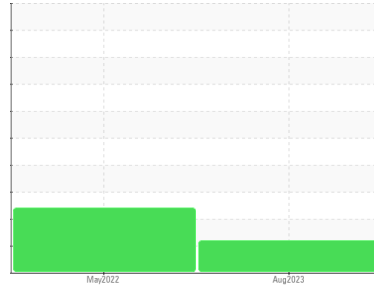
We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the fluid is acceptable for the time in service.

view report



# OIL ANALYSIS REPORT

Sample Rating Trend



**VISUAL METAL**



Machine Id  
**VOLVO 26440**  
 Component  
**Transmission**  
 Fluid  
**NOT GIVEN (43 QTS)**

## DIAGNOSIS

### ▲ Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

### ▲ Wear

Moderate concentration of visible metal present. All component wear rates are normal.

### Contamination

There is no indication of any contamination in the fluid.

### 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>PCA0102781</b>	PCA0071661	---
Sample Date	Client Info	<b>16 Aug 2023</b>	18 May 2022	---
Machine Age	mls	Client Info	<b>293465</b>	0
Oil Age	mls	Client Info	<b>293465</b>	0
Oil Changed	Client Info	<b>N/A</b>	N/A	---
Sample Status		<b>ABNORMAL</b>	ABNORMAL	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	<b>12</b>	74
Chromium	ppm	ASTM D5185m >10	<b>&lt;1</b>	1
Nickel	ppm	ASTM D5185m	<b>0</b>	5
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1
Silver	ppm	ASTM D5185m	<b>&lt;1</b>	<1
Aluminum	ppm	ASTM D5185m >50	<b>2</b>	▲ 23
Lead	ppm	ASTM D5185m >50	<b>&lt;1</b>	2
Copper	ppm	ASTM D5185m >200	<b>13</b>	152
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1
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	<b>7</b>	52
Barium	ppm	ASTM D5185m	<b>0</b>	0
Molybdenum	ppm	ASTM D5185m	<b>&lt;1</b>	4
Manganese	ppm	ASTM D5185m	<b>1</b>	8
Magnesium	ppm	ASTM D5185m	<b>3</b>	6
Calcium	ppm	ASTM D5185m	<b>869</b>	398
Phosphorus	ppm	ASTM D5185m	<b>638</b>	705
Zinc	ppm	ASTM D5185m	<b>11</b>	84
Sulfur	ppm	ASTM D5185m	<b>5546</b>	2274

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>16</b>	▲ 57
Sodium	ppm	ASTM D5185m	<b>4</b>	2
Potassium	ppm	ASTM D5185m >20	<b>11</b>	2

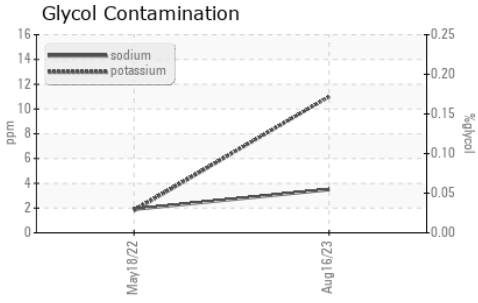
## VISUAL

method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	▲ <b>MODER</b>
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>
Precipitate	scalar	*Visual	NONE	<b>NONE</b>
Silt	scalar	*Visual	NONE	<b>NONE</b>
Debris	scalar	*Visual	NONE	<b>NONE</b>
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>
Appearance	scalar	*Visual	NORML	<b>NORML</b>
Odor	scalar	*Visual	NORML	<b>NORML</b>
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>
Free Water	scalar	*Visual		<b>NEG</b>

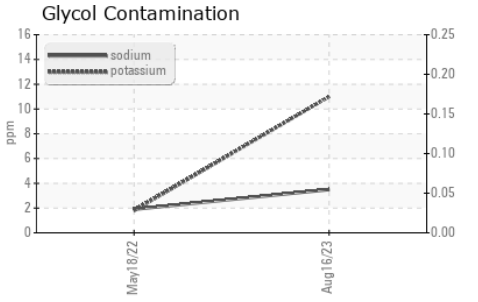
## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>54.0</b>	71.41

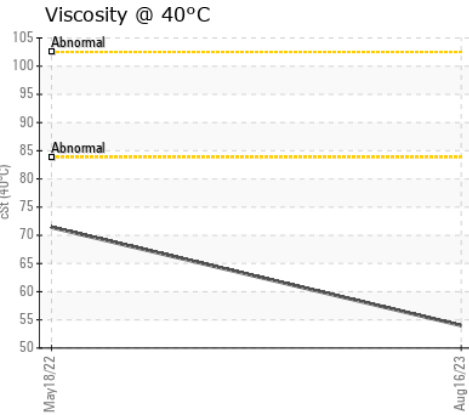
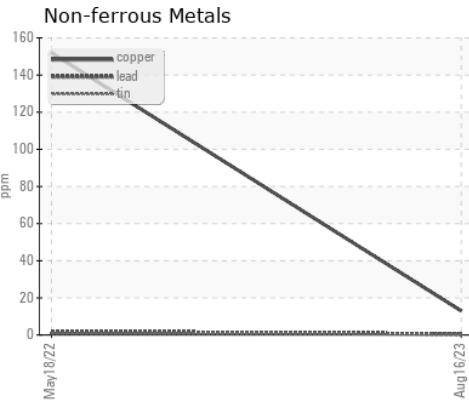
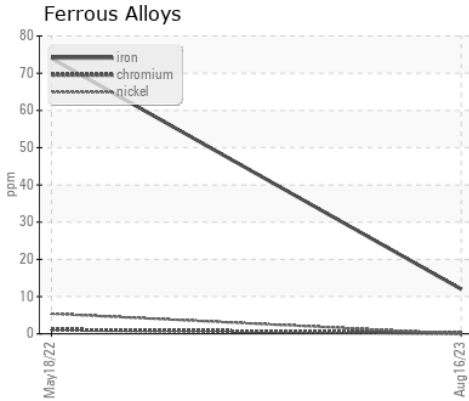
# OIL ANALYSIS REPORT



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.** : PCA0102781 **Received** : 18 Aug 2023  
**Lab Number** : **05928523** **Diagnosed** : 21 Aug 2023  
**Unique Number** : 10608470 **Diagnostician** : Don Baldrige  
**Test Package** : FLEET ( Additional Tests: Glycol )

**PERDUE FARMS - DILLON**  
 2047 HWY 9 WEST  
 DILLON, SC  
 US 29536  
 Contact: KEVIN HOOKS  
 kevin.hooks@perdue.com  
 T: (843)841-8069  
 F: (843)841-8070

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)