

# PROBLEM SUMMARY

Sample Rating Trend



**VISUAL METAL**



Machine Id  
**VOLVO TRACTOR 26563**  
 Component  
**Main Transmission (Auto)**  
 Fluid  
**GEAR OIL SAE 75W80 (--- GAL)**

## 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				<b>ABNORMAL</b>	---	---
White Metal	scalar	*Visual	NONE	<b>▲ MODER</b>	---	---

**Customer Id:** PERDILSC  
**Sample No.:** PCA0102002  
**Lab Number:** 05928536  
**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

# OIL ANALYSIS REPORT

Sample Rating Trend



**VISUAL METAL**



Machine Id  
**VOLVO TRACTOR 26563**  
 Component  
**Main Transmission (Auto)**  
 Fluid  
**GEAR OIL SAE 75W80 (--- GAL)**

## 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>PCA0102002</b>	---	---
Sample Date	Client Info	<b>16 Aug 2023</b>	---	---
Machine Age	hrs	Client Info	<b>64324</b>	---
Oil Age	hrs	Client Info	<b>64324</b>	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	<b>23</b>	---
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	---
Nickel	ppm	ASTM D5185m >5	<b>0</b>	---
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	---
Silver	ppm	ASTM D5185m >5	<b>&lt;1</b>	---
Aluminum	ppm	ASTM D5185m >50	<b>2</b>	---
Lead	ppm	ASTM D5185m >50	<b>&lt;1</b>	---
Copper	ppm	ASTM D5185m >225	<b>28</b>	---
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	---
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	<b>7</b>	---
Barium	ppm	ASTM D5185m 200	<b>0</b>	---
Molybdenum	ppm	ASTM D5185m 12	<b>2</b>	---
Manganese	ppm	ASTM D5185m	<b>7</b>	---
Magnesium	ppm	ASTM D5185m 12	<b>3</b>	---
Calcium	ppm	ASTM D5185m 150	<b>943</b>	---
Phosphorus	ppm	ASTM D5185m 1650	<b>683</b>	---
Zinc	ppm	ASTM D5185m 125	<b>2</b>	---
Sulfur	ppm	ASTM D5185m 22500	<b>5732</b>	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>15</b>	---
Sodium	ppm	ASTM D5185m	<b>3</b>	---
Potassium	ppm	ASTM D5185m >20	<b>1</b>	---

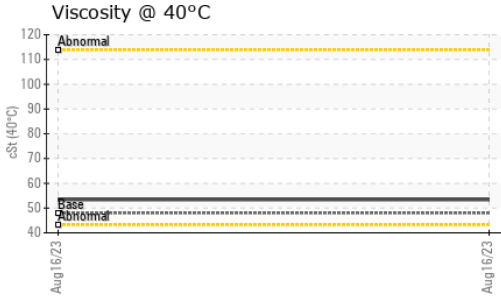
## VISUAL

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

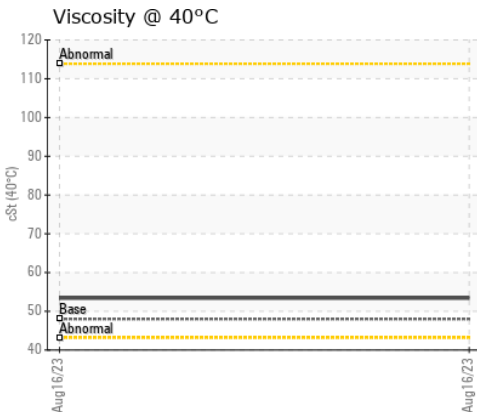
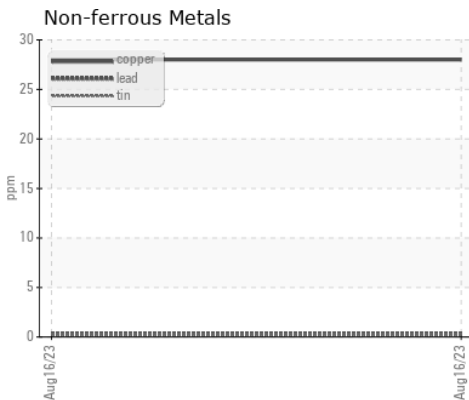
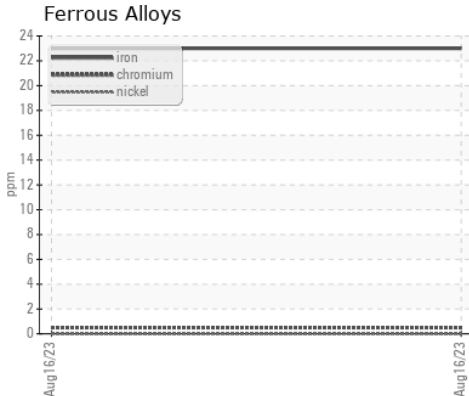
method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 48	<b>53.4</b>	---

# 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.** : PCA0102002    **Received** : 18 Aug 2023  
**Lab Number** : 05928536    **Diagnosed** : 21 Aug 2023  
**Unique Number** : 10608483    **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

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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)