



# PROBLEM SUMMARY

Sample Rating Trend

WEAR

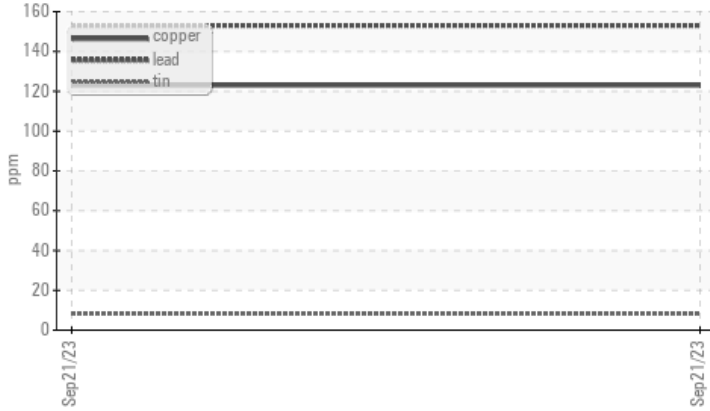


Machine Id  
**R26**  
Component  
**Transmission (Auto)**  
Fluid  
**CASTROL TRANSYND 668 (--- GAL)**



## COMPONENT CONDITION SUMMARY

### ▲ Non-ferrous Metals



## RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Lead	ppm	ASTM D5185m	>50	▲ 153	---	---

Customer Id: AVWEHT  
Sample No.: WC0784018  
Lab Number: 05961526  
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Doug Bogart +1 (800)237-1369 x4016  
[dougb@wearcheckusa.com](mailto:dougb@wearcheckusa.com)

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 Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.

## HISTORICAL DIAGNOSIS



# OIL ANALYSIS REPORT

Sample Rating Trend

**WEAR**



Machine Id  
**R26**  
 Component  
**Transmission (Auto)**  
 Fluid  
**CASTROL TRANSYND 668 (--- GAL)**



## DIAGNOSIS

### Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

Clutch wear is indicated.

### 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>WC0784018</b>	---	---
Sample Date	Client Info	<b>21 Sep 2023</b>	---	---
Machine Age	hrs	Client Info	<b>5351</b>	---
Oil Age	hrs	Client Info	<b>655</b>	---
Oil Changed	Client Info	<b>Changed</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	<b>113</b>	---
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	---
Nickel	ppm	ASTM D5185m >5	<b>&lt;1</b>	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---
Silver	ppm	ASTM D5185m >5	<b>0</b>	---
Aluminum	ppm	ASTM D5185m >50	<b>37</b>	---
Lead	ppm	ASTM D5185m >50	<b>▲ 153</b>	---
Copper	ppm	ASTM D5185m >225	<b>123</b>	---
Tin	ppm	ASTM D5185m >10	<b>8</b>	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>162</b>	---
Barium	ppm	ASTM D5185m	<b>0</b>	---
Molybdenum	ppm	ASTM D5185m	<b>&lt;1</b>	---
Manganese	ppm	ASTM D5185m	<b>2</b>	---
Magnesium	ppm	ASTM D5185m	<b>2</b>	---
Calcium	ppm	ASTM D5185m	<b>144</b>	---
Phosphorus	ppm	ASTM D5185m	<b>389</b>	---
Zinc	ppm	ASTM D5185m	<b>6</b>	---
Sulfur	ppm	ASTM D5185m	<b>2612</b>	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>12</b>	---
Sodium	ppm	ASTM D5185m	<b>12</b>	---
Potassium	ppm	ASTM D5185m >20	<b>5</b>	---

## VISUAL

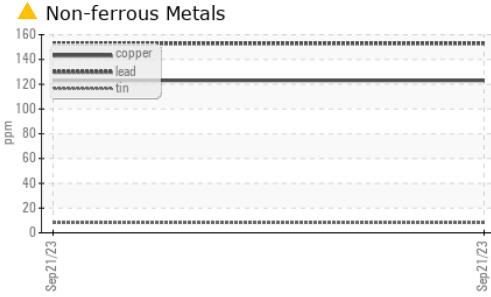
method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	---
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	---
Precipitate	scalar	*Visual NONE	<b>NONE</b>	---
Silt	scalar	*Visual NONE	<b>NONE</b>	---
Debris	scalar	*Visual NONE	<b>LIGHT</b>	---
Sand/Dirt	scalar	*Visual NONE	<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

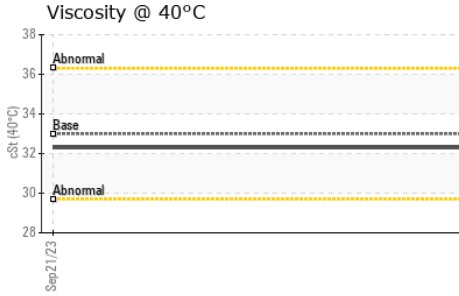
method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 33	<b>32.3</b>	---



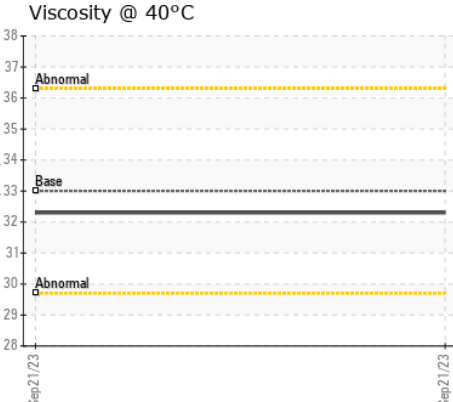
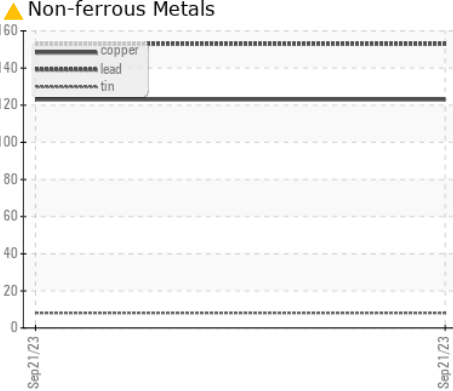
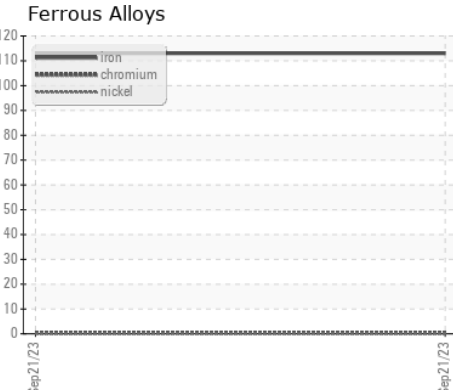
# OIL ANALYSIS REPORT



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



## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0784018 **Received** : 26 Sep 2023  
**Lab Number** : 05961526 **Diagnosed** : 27 Sep 2023  
**Unique Number** : 10662739 **Diagnostician** : Doug Bogart  
**Test Package** : CONST

**Apple Valley Waste - EHT Location**  
 6626 Delilah Road  
 Egg Harbor Township, NJ  
 US 08234  
 Contact: Service Manager

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: