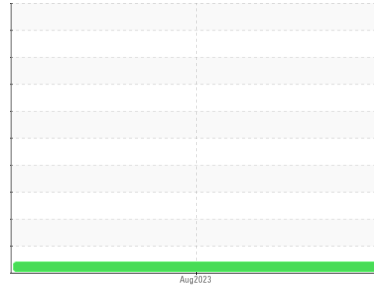


# PROBLEM SUMMARY

Sample Rating Trend



**VIS DEBRIS**



Machine Id  
**DT848**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- GAL)**

## COMPONENT CONDITION SUMMARY

No relevant graphs to display

## RECOMMENDATION

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

| Sample Status |        |         |      | <b>ABNORMAL</b> | --- | --- |
|---------------|--------|---------|------|-----------------|-----|-----|
| Debris        | scalar | *Visual | NONE | <b>▲ MODER</b>  | --- | --- |

**Customer Id:** NWWCOL  
**Sample No.:** PCA0102258  
**Lab Number:** 05918964  
**Test Package:** FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Jonathan Hester +1 919-379-4092 x4092  
[jhester@wearcheckusa.com](mailto:jhester@wearcheckusa.com)

To change component or sample information:  
Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

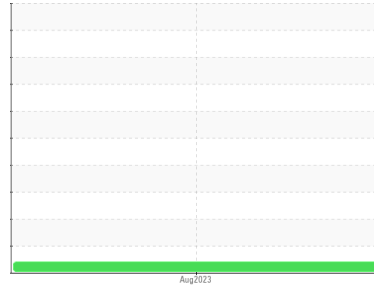
# OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS



Machine Id  
**DT848**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- GAL)**



## DIAGNOSIS

### ▲ Recommendation

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### ▲ Contamination

Moderate concentration of visible dirt/debris present 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>PCA0102258</b>  | ---      | ---      |
| Sample Date   | Client Info |             | <b>07 Aug 2023</b> | ---      | ---      |
| Machine Age   | mls         | Client Info | <b>40348</b>       | ---      | ---      |
| Oil Age       | mls         | Client Info | <b>75000</b>       | ---      | ---      |
| Oil Changed   | Client Info |             | <b>Not Chngd</b>   | ---      | ---      |
| Sample Status |             |             | <b>ABNORMAL</b>    | ---      | ---      |

## WEAR METALS

|          | method | limit/base       | current      | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron     | ppm    | ASTM D5185m >220 | <b>65</b>    | ---      | ---      |
| Chromium | ppm    | ASTM D5185m >2   | <b>&lt;1</b> | ---      | ---      |
| Nickel   | ppm    | ASTM D5185m >5   | <b>&lt;1</b> | ---      | ---      |
| Titanium | ppm    | ASTM D5185m      | <b>&lt;1</b> | ---      | ---      |
| Silver   | ppm    | ASTM D5185m >5   | <b>0</b>     | ---      | ---      |
| Aluminum | ppm    | ASTM D5185m >75  | <b>17</b>    | ---      | ---      |
| Lead     | ppm    | ASTM D5185m >95  | <b>4</b>     | ---      | ---      |
| Copper   | ppm    | ASTM D5185m >60  | <b>21</b>    | ---      | ---      |
| Tin      | ppm    | ASTM D5185m >10  | <b>2</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>54</b>   | ---      | ---      |
| Barium     | ppm    | ASTM D5185m | <b>0</b>    | ---      | ---      |
| Molybdenum | ppm    | ASTM D5185m | <b>0</b>    | ---      | ---      |
| Manganese  | ppm    | ASTM D5185m | <b>2</b>    | ---      | ---      |
| Magnesium  | ppm    | ASTM D5185m | <b>3</b>    | ---      | ---      |
| Calcium    | ppm    | ASTM D5185m | <b>124</b>  | ---      | ---      |
| Phosphorus | ppm    | ASTM D5185m | <b>209</b>  | ---      | ---      |
| Zinc       | ppm    | ASTM D5185m | <b>0</b>    | ---      | ---      |
| Sulfur     | ppm    | ASTM D5185m | <b>2121</b> | ---      | ---      |

## CONTAMINANTS

|           | method | limit/base      | current   | history1 | history2 |
|-----------|--------|-----------------|-----------|----------|----------|
| Silicon   | ppm    | ASTM D5185m >25 | <b>10</b> | ---      | ---      |
| Sodium    | ppm    | ASTM D5185m     | <b>5</b>  | ---      | ---      |
| Potassium | ppm    | ASTM D5185m >20 | <b>3</b>  | ---      | ---      |

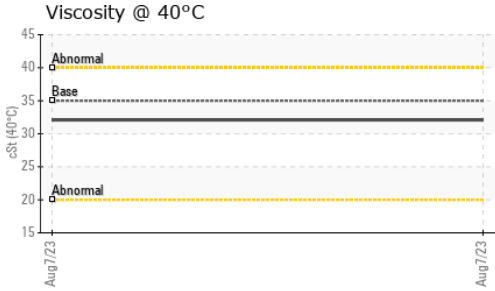
## VISUAL

|                  | 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>▲ MODER</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

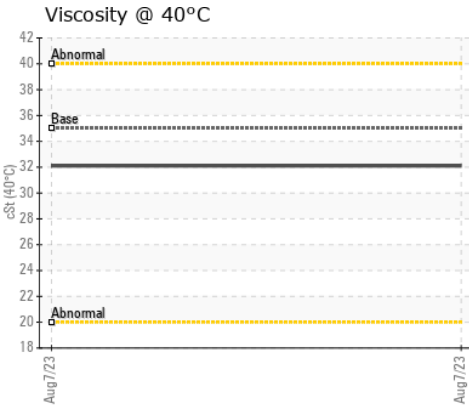
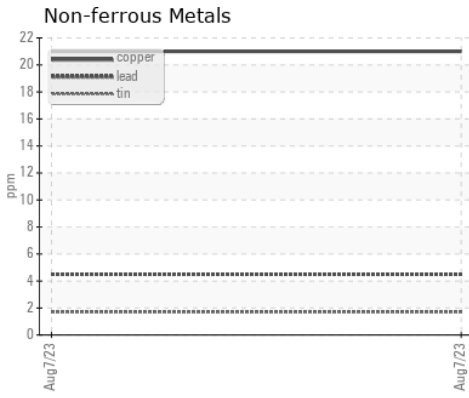
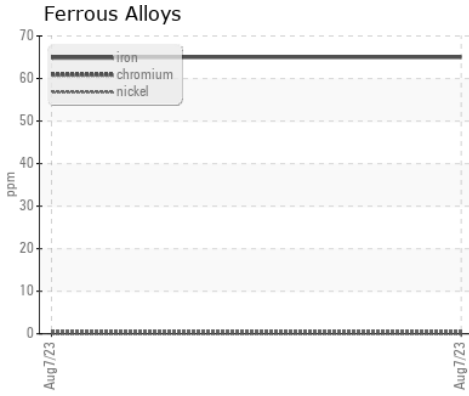
|             | method | limit/base     | current     | history1 | history2 |
|-------------|--------|----------------|-------------|----------|----------|
| Visc @ 40°C | cSt    | ASTM D445 35.0 | <b>32.1</b> | ---      | ---      |

# 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.** : PCA0102258 **Received** : 08 Aug 2023  
**Lab Number** : 05918964 **Diagnosed** : 10 Aug 2023  
**Unique Number** : 10590878 **Diagnostician** : Jonathan Hester  
**Test Package** : FLEET

**NW WHITE & CO - COLUMBIA DIVISION**  
 100 INDEPENDENCE BLVD  
 COLUMBIA, SC  
 US 29210  
 Contact: GEORGE EDWARDS  
 gedwards@nwwhite.com

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: