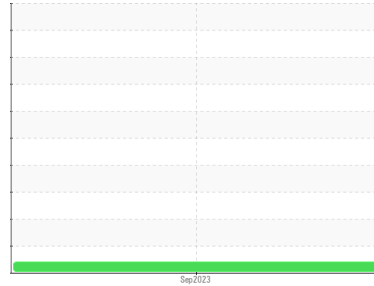




PROBLEM SUMMARY

Sample Rating Trend



VIS DEBRIS



Machine Id

G47

Component

Transmission

Fluid

CASTROL TRANSYND 668 (--- GAL)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

No corrective action is recommended at this time. 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 | --- | --- |
| Debris | scalar | *Visual | NONE | ▲ MODER | --- | --- |

Customer Id: AVWSEW
Sample No.: WC0841395
Lab Number: 05960885
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:

Sean Felton +1 919-379-4092

sfelton@wearcheckusa.com

To change component or sample information:

Customer Service +1 1-800-237-1369

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



VIS DEBRIS



Machine Id

G47

Component

Transmission

Fluid

CASTROL TRANSYND 668 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. 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 | | WC0841395 | --- | --- |
| Sample Date | Client Info | | 14 Sep 2023 | --- | --- |
| Machine Age | hrs | Client Info | 3097 | --- | --- |
| Oil Age | hrs | Client Info | 1544 | --- | --- |
| Oil Changed | Client Info | | Changed | --- | --- |
| Sample Status | | | ABNORMAL | --- | --- |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >200 | 74 | --- | --- |
| Chromium | ppm | ASTM D5185m >10 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185m | 1 | --- | --- |
| Titanium | ppm | ASTM D5185m | 1 | --- | --- |
| Silver | ppm | ASTM D5185m | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m >50 | 22 | --- | --- |
| Lead | ppm | ASTM D5185m >50 | 2 | --- | --- |
| Copper | ppm | ASTM D5185m >200 | 37 | --- | --- |
| Tin | ppm | ASTM D5185m >10 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185m | 0 | --- | --- |
| Cadmium | ppm | ASTM D5185m | 0 | --- | --- |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|-------------|-------------|----------|----------|
| Boron | ppm | ASTM D5185m | 68 | --- | --- |
| Barium | ppm | ASTM D5185m | 2 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | 1 | --- | --- |
| Magnesium | ppm | ASTM D5185m | 6 | --- | --- |
| Calcium | ppm | ASTM D5185m | 335 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 304 | --- | --- |
| Zinc | ppm | ASTM D5185m | 18 | --- | --- |
| Sulfur | ppm | ASTM D5185m | 1712 | --- | --- |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|-----------|----------|----------|
| Silicon | ppm | ASTM D5185m >50 | 34 | --- | --- |
| Sodium | ppm | ASTM D5185m | 2 | --- | --- |
| Potassium | ppm | ASTM D5185m >20 | 3 | --- | --- |

VISUAL

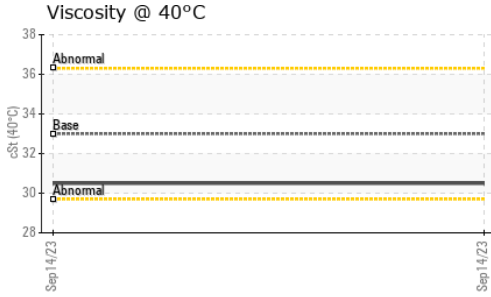
| | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|----------------|----------|----------|
| White Metal | scalar | *Visual NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual NONE | NONE | --- | --- |
| Precipitate | scalar | *Visual NONE |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

FLUID PROPERTIES

| | method | limit/base | current | history1 | history2 |
|-------------|--------|--------------|-------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 33 | 30.5 | --- | --- |

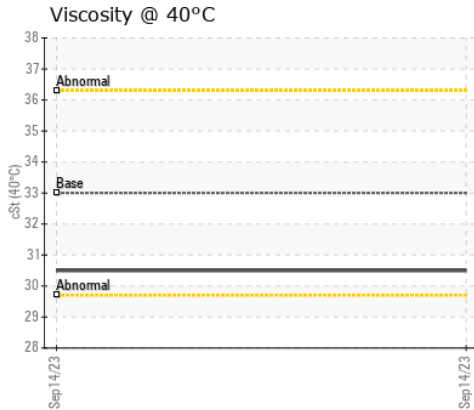
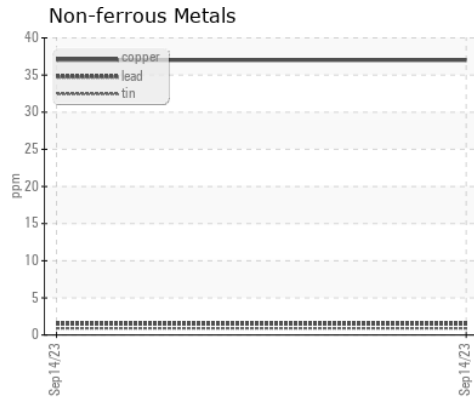
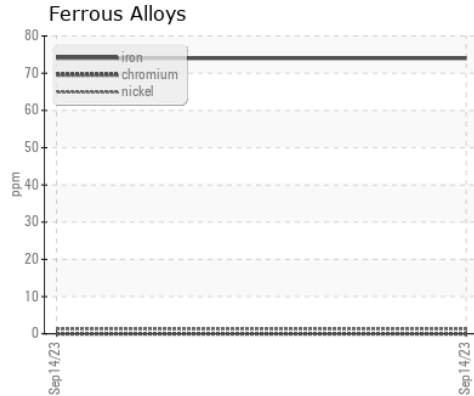


OIL ANALYSIS REPORT



| 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. : WC0841395 **Received** : 25 Sep 2023
Lab Number : 05960885 **Diagnosed** : 27 Sep 2023
Unique Number : 10662098 **Diagnostician** : Sean Felton
Test Package : CONST

Apple Valley Waste - SEW Location
 309 Salina Road
 Sewell, NJ
 US 08080
 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: