

## **OIL ANALYSIS REPORT**

Sample Rating Trend





Machine Id **5450** Component **Transmission (Auto)** Fluid **DEXRON III (36 QTS)** 

## DIAGNOSIS

#### A Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

## 🔺 Wear

Bearing, clutch or torque converter wear is indicated.

### Contamination

There is no indication of any contamination in the fluid.

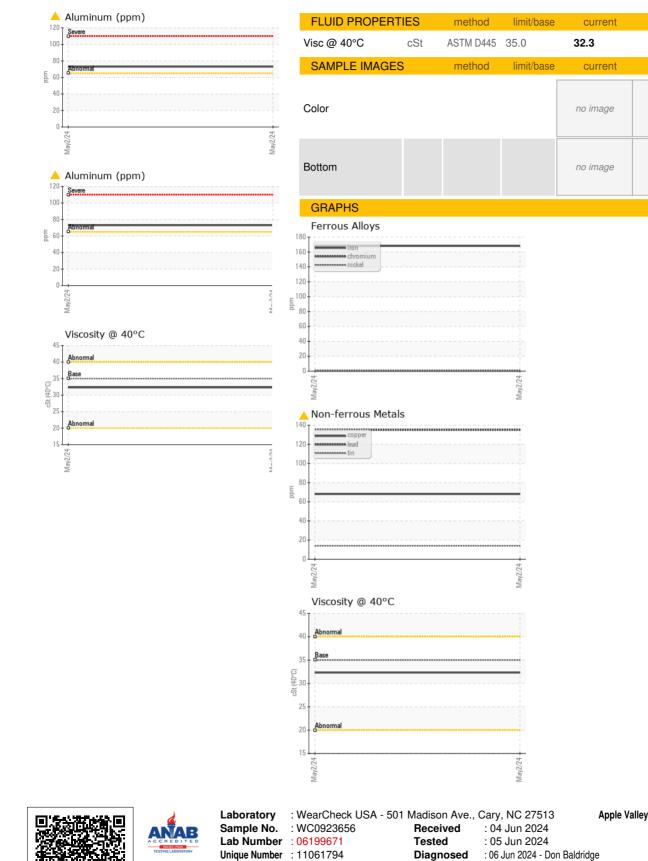
### Fluid Condition

The condition of the fluid is acceptable for the time in service.

| SAMPLE INFORM  | ATION  | method   | limit/base                           | current                              | history1 | history2 |
|--|--|--|--------------------------------------|--------------------------------------|----------|----------|
| Sample Number  |  | Client Info  |                                      | WC0923656                            |          |          |
| Sample Date  |  | Client Info  |                                      | 02 May 2024                          |          |          |
| Machine Age  | hrs  | Client Info  |                                      | 3981                                 |          |          |
| Oil Age  | hrs  | Client Info  |                                      | 3981                                 |          |          |
| Oil Changed  |  | Client Info  |                                      | Changed                              |          |          |
| Sample Status  |  |  |                                      | ABNORMAL                             |          |          |
| CONTAMINATION  | l  | method   | limit/base                           | current                              | history1 | history2 |
| Water  |  | WC Method  | >0.1                                 | NEG                                  |          |          |
| WEAR METALS  |  | method   | limit/base                           | current                              | history1 | history2 |
| Iron   | ppm  | ASTM D5185m  | >230                                 | 168                                  |          |          |
| Chromium   | ppm  | ASTM D5185m  | >2                                   | <1                                   |          |          |
| Nickel   | ppm  | ASTM D5185m  | >5                                   | 0                                    |          |          |
| Titanium   | ppm  | ASTM D5185m  | >2                                   | 0                                    |          |          |
| Silver   | ppm  | ASTM D5185m  | >5                                   | 0                                    |          |          |
| Aluminum   | ppm  | ASTM D5185m  | >65                                  | <u> </u>                             |          |          |
| _ead   | ppm  | ASTM D5185m  | >55                                  | <u> </u>                             |          |          |
| Copper   | ppm  | ASTM D5185m  | >85                                  | 68                                   |          |          |
| Гin  | ppm  | ASTM D5185m  | >5                                   | <b>1</b> 4                           |          |          |
| /anadium   | ppm  | ASTM D5185m  |                                      | <1                                   |          |          |
| Cadmium  | ppm  | ASTM D5185m  |                                      | 0                                    |          |          |
| ADDITIVES  |  | method   | limit/base                           | current                              | history1 | history2 |
| Boron  | ppm  | ASTM D5185m  |                                      | 52                                   |          |          |
| Barium   | ppm  | ASTM D5185m  |                                      | 0                                    |          |          |
| Volybdenum   | ppm  | ASTM D5185m  |                                      | <1                                   |          |          |
| Manganese  | ppm  | ASTM D5185m  |                                      | 3                                    |          |          |
| Vagnesium  | ppm  | ASTM D5185m  |                                      | 0                                    |          |          |
| Calcium  | ppm  | ASTM D5185m  |                                      | 114                                  |          |          |
| Phosphorus   | ppm  | ASTM D5185m  |                                      | 203                                  |          |          |
| Zinc   | ppm  | ASTM D5185m  |                                      | 10                                   |          |          |
| Sulfur   | ppm  | ASTM D5185m  |                                      | 1707                                 |          |          |
| CONTAMINANTS   |  | method   | limit/base                           | current                              | history1 | history2 |
| Silicon  | ppm  | ASTM D5185m  | >20                                  | 10                                   |          |          |
| Sodium   | ppm  | ASTM D5185m  |                                      | 10                                   |          |          |
| Potassium  | ppm  | ASTM D5185m  | >20                                  | 4                                    |          |          |
| VISUAL   |  | method   | limit/base                           | current                              | history1 | history2 |
|  |  |  |                                      |                                      |          |          |
| White Metal  | scalar   | *Visual  | NONE                                 | NONE                                 |          |          |
| White Metal<br>Yellow Metal  | scalar<br>scalar   | *Visual<br>*Visual   | NONE                                 | NONE<br>NONE                         |          |          |
| Yellow Metal   |  |  |                                      | -                                    |          |          |
| Yellow Metal<br>Precipitate  | scalar   | *Visual  | NONE                                 | NONE                                 |          |          |
| Yellow Metal<br>Precipitate<br>Silt                                      | scalar<br>scalar   | *Visual<br>*Visual   | NONE<br>NONE                         | NONE                                 |          |          |
|  | scalar<br>scalar<br>scalar                               | *Visual<br>*Visual<br>*Visual                                  | NONE<br>NONE<br>NONE                 | NONE<br>NONE<br>NONE                 |          |          |
| Yellow Metal<br>Precipitate<br>Silt<br>Debris                            | scalar<br>scalar<br>scalar<br>scalar                     | *Visual<br>*Visual<br>*Visual<br>*Visual                       | NONE<br>NONE<br>NONE<br>NONE         | NONE<br>NONE<br>NONE<br>NONE         | <br><br> |          |
| Yellow Metal<br>Precipitate<br>Silt<br>Debris<br>Sand/Dirt<br>Appearance | scalar<br>scalar<br>scalar<br>scalar<br>scalar           | *Visual<br>*Visual<br>*Visual<br>*Visual<br>*Visual            | NONE<br>NONE<br>NONE<br>NONE         | NONE<br>NONE<br>NONE<br>NONE<br>NONE |          | <br><br> |
| Yellow Metal<br>Precipitate<br>Silt<br>Debris<br>Sand/Dirt               | scalar<br>scalar<br>scalar<br>scalar<br>scalar<br>scalar | *Visual<br>*Visual<br>*Visual<br>*Visual<br>*Visual<br>*Visual | NONE<br>NONE<br>NONE<br>NONE<br>NONE | NONE<br>NONE<br>NONE<br>NONE<br>NORE | <br><br> | <br><br> |



# **OIL ANALYSIS REPORT**



Apple Valley Waste - Chambersburg Location 5436 Sunset Pike Chambersburg, PA US 17202 Contact: Service Manager

history1

history1

no image

no image

history2

history2

no image

no image

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Test Package : CONST

\* - 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)

Certificate 12367

T:

F: