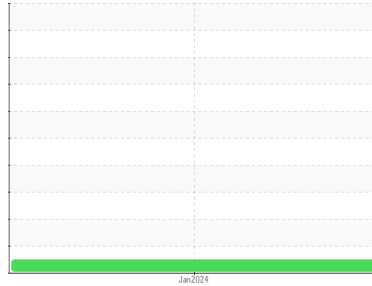




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**NOT GIVEN**  
Machine Id  
**CBV738562 - WELLS PET FOODS**  
Component  
**Compressor**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

## SAMPLE INFORMATION

|               | method      | limit/base  | current            | history1 | history2 |
|---------------|-------------|-------------|--------------------|----------|----------|
| Sample Number | Client Info |             | <b>UCH06075961</b> | ---      | ---      |
| Sample Date   | Client Info |             | <b>25 Jan 2024</b> | ---      | ---      |
| Machine Age   | hrs         | Client Info | <b>17956</b>       | ---      | ---      |
| Oil Age       | hrs         | Client Info | <b>100</b>         | ---      | ---      |
| Oil Changed   | Client Info |             | <b>Not Chngd</b>   | ---      | ---      |
| Sample Status |             |             | <b>NORMAL</b>      | ---      | ---      |

## CONTAMINATION

|       | method    | limit/base | current    | history1 | history2 |
|-------|-----------|------------|------------|----------|----------|
| Water | WC Method | >0.8       | <b>NEG</b> | ---      | ---      |

## WEAR METALS

|          | method | limit/base      | current      | history1 | history2 |
|----------|--------|-----------------|--------------|----------|----------|
| Iron     | ppm    | ASTM D5185m >50 | <b>0</b>     | ---      | ---      |
| Chromium | ppm    | ASTM D5185m >10 | <b>0</b>     | ---      | ---      |
| Nickel   | ppm    | ASTM D5185m     | <b>&lt;1</b> | ---      | ---      |
| Titanium | ppm    | ASTM D5185m     | <b>0</b>     | ---      | ---      |
| Silver   | ppm    | ASTM D5185m     | <b>0</b>     | ---      | ---      |
| Aluminum | ppm    | ASTM D5185m >25 | <b>1</b>     | ---      | ---      |
| Lead     | ppm    | ASTM D5185m >25 | <b>1</b>     | ---      | ---      |
| Copper   | ppm    | ASTM D5185m >50 | <b>&lt;1</b> | ---      | ---      |
| Tin      | ppm    | ASTM D5185m >15 | <b>&lt;1</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 2   | <b>0</b>     | ---      | ---      |
| Barium     | ppm    | ASTM D5185m 525 | <b>538</b>   | ---      | ---      |
| Molybdenum | ppm    | ASTM D5185m 10  | <b>0</b>     | ---      | ---      |
| Manganese  | ppm    | ASTM D5185m     | <b>&lt;1</b> | ---      | ---      |
| Magnesium  | ppm    | ASTM D5185m 5   | <b>2</b>     | ---      | ---      |
| Calcium    | ppm    | ASTM D5185m 10  | <b>3</b>     | ---      | ---      |
| Phosphorus | ppm    | ASTM D5185m 250 | <b>3</b>     | ---      | ---      |
| Zinc       | ppm    | ASTM D5185m 100 | <b>48</b>    | ---      | ---      |
| Sulfur     | ppm    | ASTM D5185m 400 | <b>356</b>   | ---      | ---      |

## CONTAMINANTS

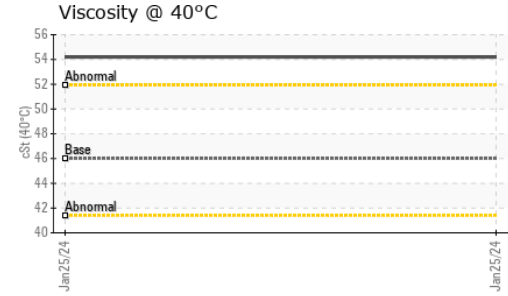
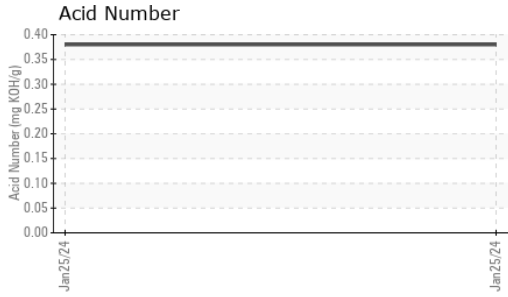
|           | method | limit/base      | current   | history1 | history2 |
|-----------|--------|-----------------|-----------|----------|----------|
| Silicon   | ppm    | ASTM D5185m >25 | <b>4</b>  | ---      | ---      |
| Sodium    | ppm    | ASTM D5185m     | <b>55</b> | ---      | ---      |
| Potassium | ppm    | ASTM D5185m >20 | <b>7</b>  | ---      | ---      |

## FLUID DEGRADATION

|                  | method   | limit/base | current     | history1 | history2 |
|------------------|----------|------------|-------------|----------|----------|
| Acid Number (AN) | mg KOH/g | ASTM D8045 | <b>0.38</b> | ---      | ---      |



# OIL ANALYSIS REPORT



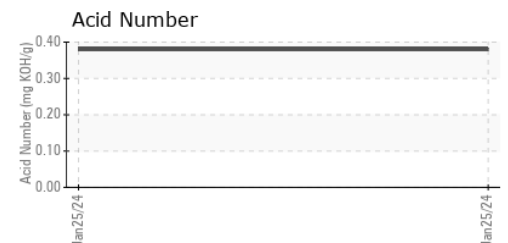
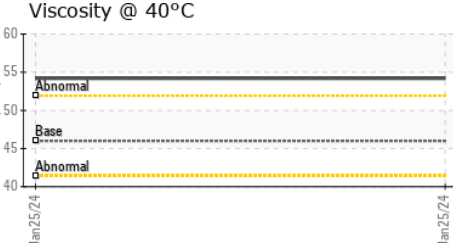
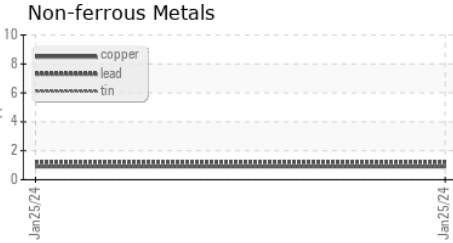
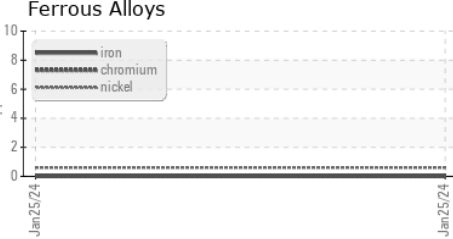
| VISUAL           | method | limit/base | current | history1 | history2 |     |
|------------------|--------|------------|---------|----------|----------|-----|
| White Metal      | scalar | *Visual    | NONE    | NONE     | ---      | --- |
| Yellow Metal     | scalar | *Visual    | NONE    | NONE     | ---      | --- |
| Precipitate      | scalar | *Visual    | NONE    | NONE     | ---      | --- |
| Silt             | scalar | *Visual    | NONE    | NONE     | ---      | --- |
| Debris           | scalar | *Visual    | NONE    | NONE     | ---      | --- |
| Sand/Dirt        | scalar | *Visual    | NONE    | NONE     | ---      | --- |
| Appearance       | scalar | *Visual    | NORML   | NORML    | ---      | --- |
| Odor             | scalar | *Visual    | NORML   | NORML    | ---      | --- |
| Emulsified Water | scalar | *Visual    | >0.8    | NEG      | ---      | --- |
| Free Water       | scalar | *Visual    |         | NEG      | ---      | --- |

| FLUID PROPERTIES | method | limit/base | current | history1    | history2 |     |
|------------------|--------|------------|---------|-------------|----------|-----|
| Visc @ 40°C      | cSt    | ASTM D445  | 46      | <b>54.2</b> | ---      | --- |

### SAMPLE IMAGES

|        | method | limit/base | current | history1 | history2 |
|--------|--------|------------|---------|----------|----------|
| Color  |        |            |         |          |          |
| Bottom |        |            |         |          |          |

### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06075961 **Recieved** : 31 Jan 2024  
**Lab Number** : **06075961** **Diagnosed** : 02 Feb 2024  
**Unique Number** : 10858052 **Diagnostician** : Jonathan Hester  
**Test Package** : IND 2

**A-L-L EQUIPMENT INC**  
 204 38TH ST  
 MOLINE, IL  
 US 61265  
 Contact: KEVIN DESPOT  
 kevind@a-l-equipment.com  
 T: (815)877-7000  
 F: (309)762-9950

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)