



# OIL ANALYSIS REPORT

|                 |                 |
|-----------------|-----------------|
| WEAR            | <b>NORMAL</b>   |
| CONTAMINATION   | <b>NORMAL</b>   |
| FLUID CONDITION | <b>ABNORMAL</b> |

Area  
**[6175287]**  
 Machine Id  
**5005-PR05-TAB03**  
 Component  
**Gearbox**  
 Fluid  
**DAVLEY DARMEX RPL-NT0140 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

## WEAR

All component wear rates are normal.

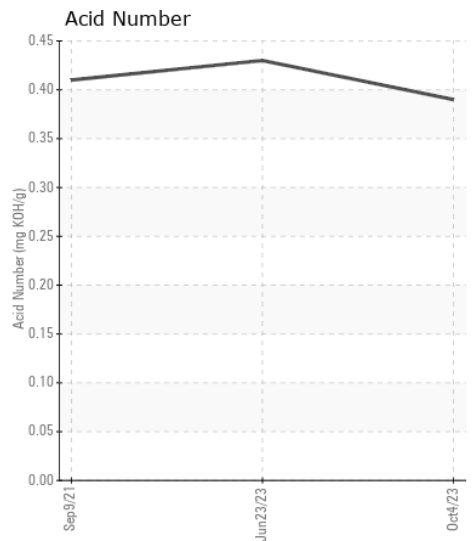
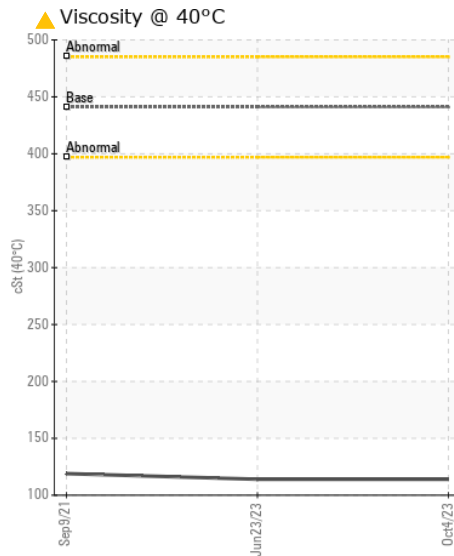
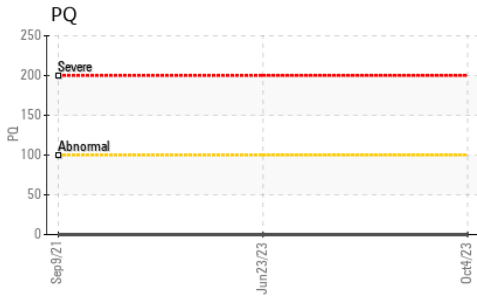
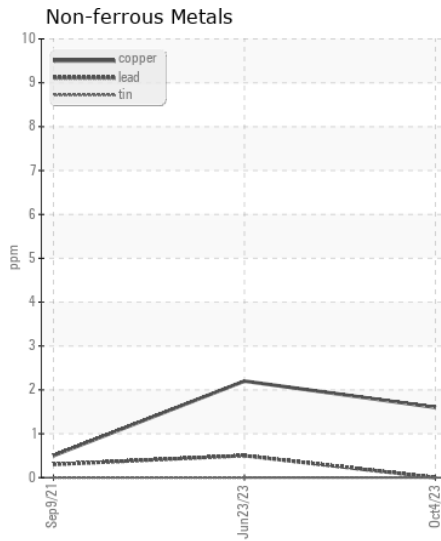
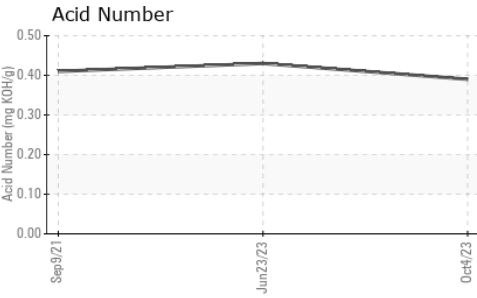
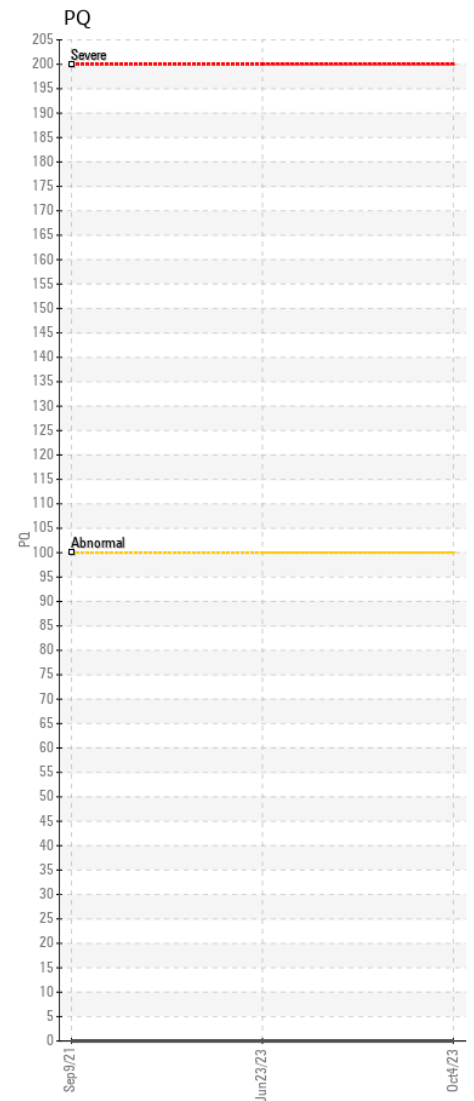
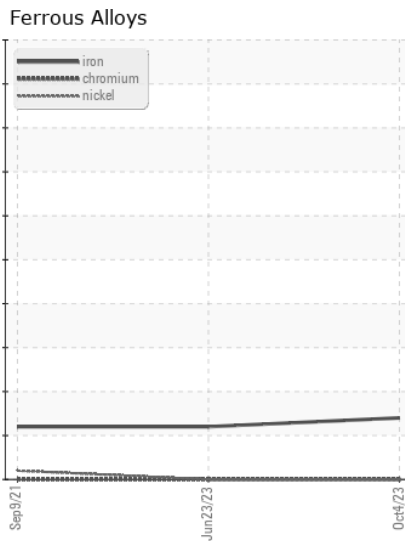
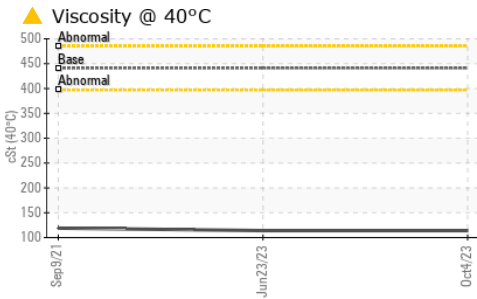
## CONTAMINATION

There is no indication of any contamination in the oil.

## FLUID CONDITION

Viscosity of sample indicates oil is within ISO 100 range, advise investigate. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| Test             | UOM      | Method        | Limit/Abn | Current            | History1    | History2    |
|------------------|----------|---------------|-----------|--------------------|-------------|-------------|
| Sample Number    |          | Client Info   |           | <b>CB0031540</b>   | CB0031449   | CB0030358   |
| Sample Date      |          | Client Info   |           | <b>04 Oct 2023</b> | 23 Jun 2023 | 09 Sep 2021 |
| Machine Age      | hrs      | Client Info   |           | <b>0</b>           | 0           | 0           |
| Oil Age          | hrs      | Client Info   |           | <b>0</b>           | 0           | 0           |
| Filter Age       | hrs      | Client Info   |           | <b>0</b>           | 0           | 0           |
| Oil Changed      |          | Client Info   |           | <b>N/A</b>         | N/A         | N/A         |
| Filter Changed   |          | Client Info   |           | <b>N/A</b>         | N/A         | N/A         |
| Sample Status    |          |               |           | <b>ABNORMAL</b>    | ABNORMAL    | ABNORMAL    |
| PQ               |          | ASTM D8184*   |           | <b>0</b>           | 0           | 0           |
| Iron             | ppm      | ASTM D5185(m) | >200      | <b>1</b>           | 1           | 1           |
| Chromium         | ppm      | ASTM D5185(m) | >15       | <b>0</b>           | 0           | 0           |
| Nickel           | ppm      | ASTM D5185(m) | >15       | <b>0</b>           | 0           | <1          |
| Titanium         | ppm      | ASTM D5185(m) |           | <b>0</b>           | 0           | 0           |
| Silver           | ppm      | ASTM D5185(m) |           | <b>&lt;1</b>       | 0           | 0           |
| Aluminum         | ppm      | ASTM D5185(m) | >25       | <b>&lt;1</b>       | 0           | 0           |
| Lead             | ppm      | ASTM D5185(m) | >100      | <b>0</b>           | <1          | <1          |
| Copper           | ppm      | ASTM D5185(m) | >200      | <b>2</b>           | 2           | <1          |
| Tin              | ppm      | ASTM D5185(m) | >25       | <b>0</b>           | 0           | 0           |
| Vanadium         | ppm      | ASTM D5185(m) |           | <b>0</b>           | 0           | 0           |
| White Metal      | scalar   | Visual*       | NONE      | <b>NONE</b>        | VLITE       | NONE        |
| Yellow Metal     | scalar   | Visual*       | NONE      | <b>NONE</b>        | NONE        | NONE        |
| Silicon          | ppm      | ASTM D5185(m) | >50       | <b>3</b>           | 3           | 3           |
| Potassium        | ppm      | ASTM D5185(m) | >20       | <b>0</b>           | 0           | <1          |
| Water            |          | WC Method     | >0.2      | <b>NEG</b>         | NEG         | NEG         |
| Silt             | scalar   | Visual*       | NONE      | <b>NONE</b>        | NONE        | NONE        |
| Debris           | scalar   | Visual*       | NONE      | <b>NONE</b>        | NONE        | NONE        |
| Sand/Dirt        | scalar   | Visual*       | NONE      | <b>NONE</b>        | NONE        | NONE        |
| Appearance       | scalar   | Visual*       | NORML     | <b>NORML</b>       | NORML       | NORML       |
| Odor             | scalar   | Visual*       | NORML     | <b>NORML</b>       | NORML       | NORML       |
| Emulsified Water | scalar   | Visual*       | >0.2      | <b>NEG</b>         | NEG         | NEG         |
| Sodium           | ppm      | ASTM D5185(m) |           | <b>&lt;1</b>       | 0           | 0           |
| Boron            | ppm      | ASTM D5185(m) |           | <b>&lt;1</b>       | <1          | 2           |
| Barium           | ppm      | ASTM D5185(m) |           | <b>&lt;1</b>       | 0           | 0           |
| Molybdenum       | ppm      | ASTM D5185(m) |           | <b>0</b>           | 0           | 0           |
| Manganese        | ppm      | ASTM D5185(m) |           | <b>0</b>           | 0           | 0           |
| Magnesium        | ppm      | ASTM D5185(m) |           | <b>0</b>           | 0           | 0           |
| Calcium          | ppm      | ASTM D5185(m) |           | <b>1</b>           | 1           | <1          |
| Phosphorus       | ppm      | ASTM D5185(m) |           | <b>149</b>         | 154         | 125         |
| Zinc             | ppm      | ASTM D5185(m) |           | <b>20</b>          | 20          | 11          |
| Sulfur           | ppm      | ASTM D5185(m) |           | <b>178</b>         | 28          | 123         |
| Acid Number (AN) | mg KOH/g | ASTM D974*    |           | <b>0.39</b>        | 0.43        | 0.41        |
| Visc @ 40°C      | cSt      | ASTM D7279(m) | 441       | <b>▲ 114</b>       | ▲ 114       | ▲ 119       |



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CB0031540 **Received** : 06 Nov 2023  
**Lab Number** : 02594379 **Tested** : 08 Nov 2023  
**Unique Number** : 5671458 **Diagnosed** : 08 Nov 2023 - Kevin Marson  
**Test Package** : IND 2

**Synovos/Apotex**  
 50 Steinway Blvd.  
 Etobicoke, ON  
 CA M9W 6Y3  
 Contact: Emmanuel Okelue  
 eokelue@apotex.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.

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F: