



# OIL ANALYSIS REPORT

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

Area  
**(VDQ) CARGAIR LTEE [52877]**  
 Machine Id  
**[VDQ] BEECHCRAFT BE-10 P-27054 (S/N BE-48)**  
 Component  
**Jet Turbine**  
 Fluid  
**BP TURBO OIL 2380 (--- GAL)**

## RECOMMENDATION

| Test           | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number  |     | Client Info |           | <b>GT57181</b>     | GT56683     | GT56692     |
| Sample Date    |     | Client Info |           | <b>09 Jan 2024</b> | 22 Aug 2023 | 02 Jun 2023 |
| Machine Age    | hrs | Client Info |           | <b>0</b>           | 0           | 0           |
| Oil Age        | hrs | Client Info |           | <b>114</b>         | 420         | 277         |
| Filter Age     | hrs | Client Info |           | <b>135</b>         | 143         | 143         |
| 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>---</b>         | ---         | NORMAL      |

## WEAR

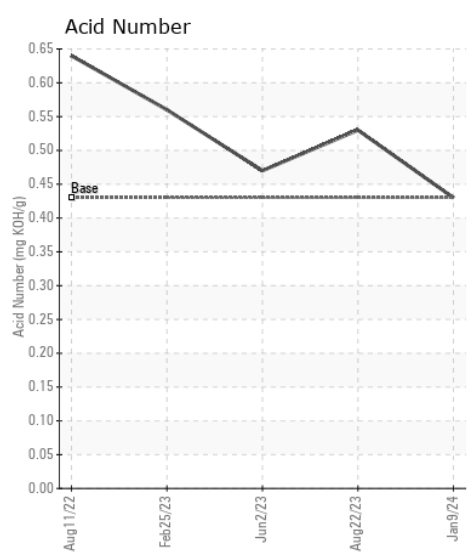
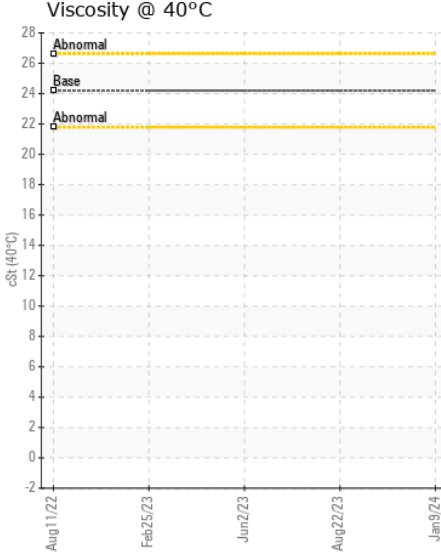
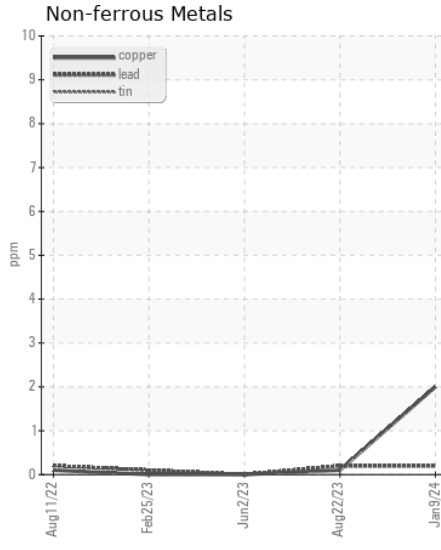
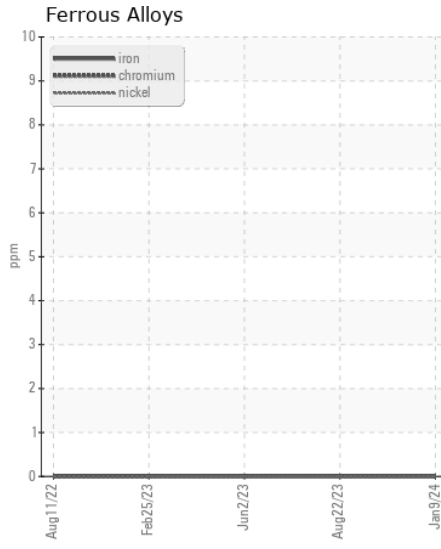
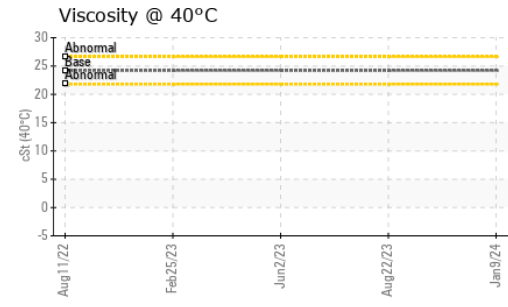
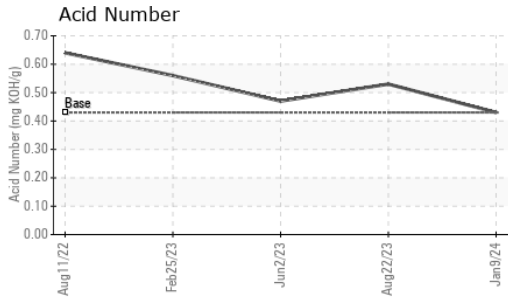
|          |     |               |    |              |    |    |
|----------|-----|---------------|----|--------------|----|----|
| Iron     | ppm | ASTM D5185(m) | >8 | <b>0</b>     | 0  | 0  |
| Chromium | ppm | ASTM D5185(m) | >2 | <b>0</b>     | 0  | 0  |
| Nickel   | ppm | ASTM D5185(m) | >2 | <b>0</b>     | 0  | 0  |
| Silver   | ppm | ASTM D5185(m) | >2 | <b>0</b>     | 0  | 0  |
| Aluminum | ppm | ASTM D5185(m) | >2 | <b>&lt;1</b> | <1 | <1 |
| Lead     | ppm | ASTM D5185(m) | >3 | <b>&lt;1</b> | <1 | 0  |
| Copper   | ppm | ASTM D5185(m) | >3 | <b>▲ 2</b>   | <1 | 0  |

## CONTAMINATION

|       |  |           |      |            |     |     |
|-------|--|-----------|------|------------|-----|-----|
| Water |  | WC Method | >0.1 | <b>NEG</b> | NEG | NEG |
|-------|--|-----------|------|------------|-----|-----|

## FLUID CONDITION

|                  |          |               |      |             |      |      |
|------------------|----------|---------------|------|-------------|------|------|
| Magnesium        | ppm      | ASTM D5185(m) | 0    | <b>0</b>    | 0    | 0    |
| Acid Number (AN) | mg KOH/g | ASTM D974*    | 0.43 | <b>0.43</b> | 0.53 | 0.47 |



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GT57181 **Received** : 12 Jan 2024  
**Lab Number** : 02608659 **Diagnosed** : 12 Jan 2024  
**Unique Number** : 5709745 **Diagnostician** :  
**Test Package** : G331 ( Additional Tests: ICP )

**Honeywell Engines**  
 111 S. 34th Street, 301 Receiving, Attn: SOAP Program  
 PHOENIX, AZ  
 US 85034  
 Contact: GARRETT

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.

T:  
 F: (602)365-2676