



# OIL ANALYSIS REPORT

|                 |        |
|-----------------|--------|
| WEAR            | NORMAL |
| CONTAMINATION   | NORMAL |
| FLUID CONDITION | NORMAL |

Area  
**SKYCARE AIR AMBULANCE [52982]**  
 Machine Id  
**METRO SA227 P-44299C (S/N AC432)**  
 Component  
**Jet Turbine**  
 Fluid  
**EASTMAN TURBO OIL 2380 (--- GAL)**

## RECOMMENDATION

| Test           | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number  |     | Client Info |           | <b>GT57550</b>     | GT57563     | GT57553     |
| Sample Date    |     | Client Info |           | <b>14 Feb 2024</b> | 02 Feb 2024 | 07 Jan 2024 |
| Machine Age    | hrs | Client Info |           | <b>0</b>           | 0           | 0           |
| Oil Age        | hrs | Client Info |           | <b>734</b>         | 679         | 601         |
| Filter Age     | hrs | Client Info |           | <b>55</b>          | 78          | 67          |
| 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

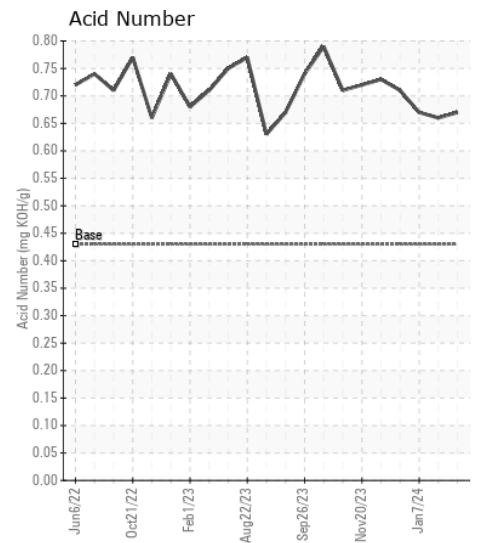
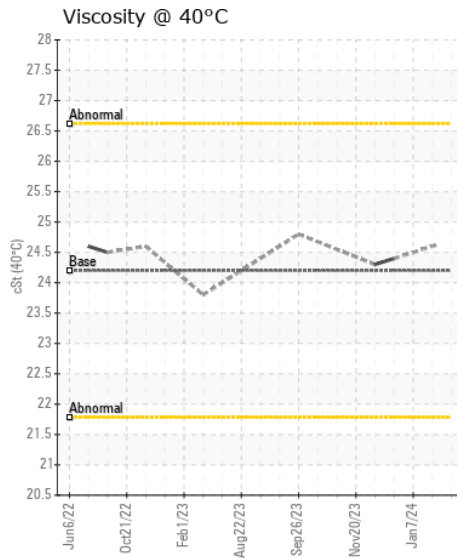
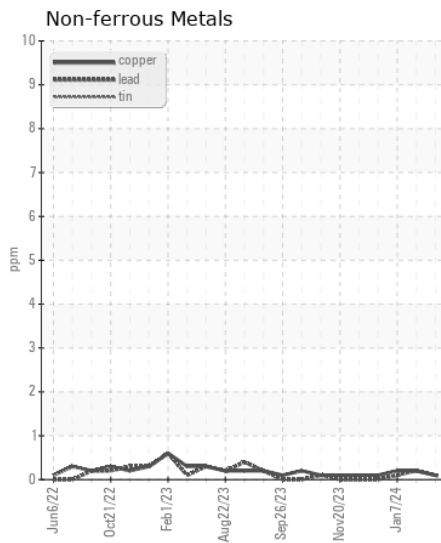
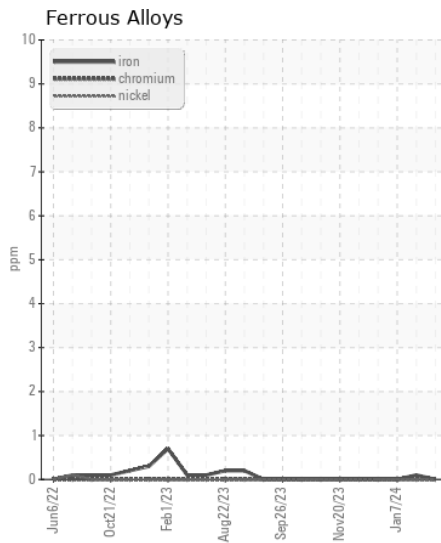
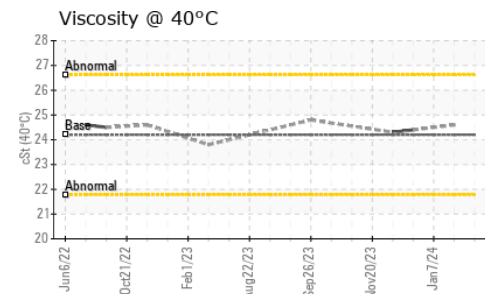
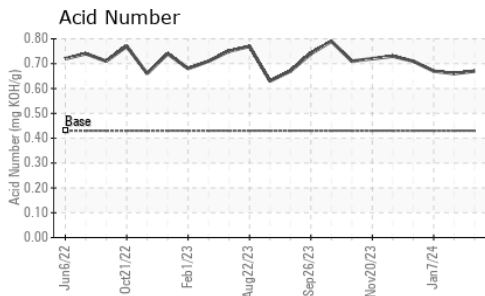
|          |     |               |    |              |    |    |
|----------|-----|---------------|----|--------------|----|----|
| Iron     | ppm | ASTM D5185(m) | >8 | <b>0</b>     | <1 | 0  |
| Chromium | ppm | ASTM D5185(m) | >2 | <b>0</b>     | 0  | 0  |
| Nickel   | ppm | ASTM D5185(m) | >2 | 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

## CONTAMINATION

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

## FLUID CONDITION

|                  |          |               |      |              |      |      |
|------------------|----------|---------------|------|--------------|------|------|
| Magnesium        | ppm      | ASTM D5185(m) | 0    | <b>&lt;1</b> | <1   | <1   |
| Acid Number (AN) | mg KOH/g | ASTM D974*    | 0.43 | <b>0.67</b>  | 0.66 | 0.67 |
| Visc @ 40°C      | cSt      | ASTM D7279(m) | 24.2 | <b>---</b>   | 24.6 | ---  |



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GT57550 **Received** : 20 Feb 2024  
**Lab Number** : 02616825 **Tested** :  
**Unique Number** : 5733935 **Diagnosed** :  
**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.

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