



OIL ANALYSIS REPORT

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

Area
(HWM) PERIMETER AVIATION [53252]
 Machine Id
[HWM] FAIRCHILD SA226-T P-54120 (S/N T-289)
 Component
1 Jet Turbine
 Fluid
BP TURBO OIL 2380 (--- GAL)

RECOMMENDATION

This is a baseline read-out on the submitted sample.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | GT57778 | GT57515 | GT48205 |
| Sample Date | | Client Info | | 04 May 2024 | 08 Apr 2024 | 10 Oct 2017 |
| Machine Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Age | hrs | Client Info | | 110 | 18 | 100 |
| Filter Age | hrs | Client Info | | 92 | 18 | 100 |
| Oil Changed | | Client Info | | N/A | N/A | N/A |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

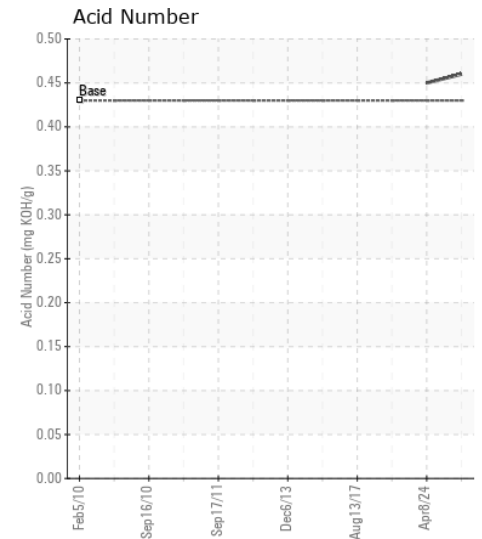
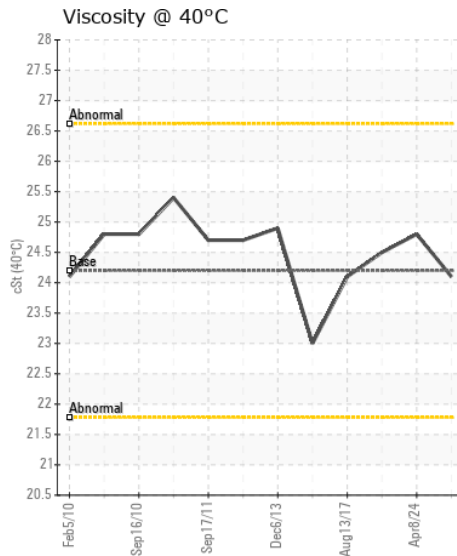
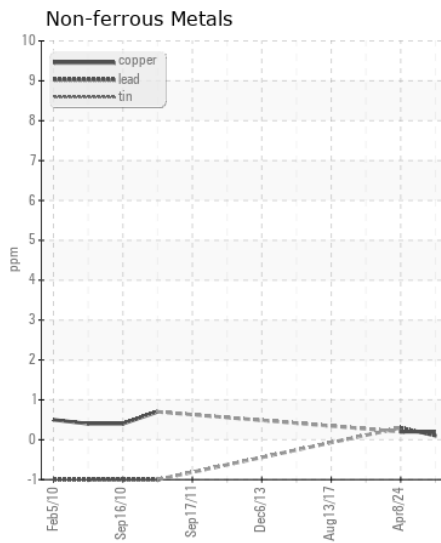
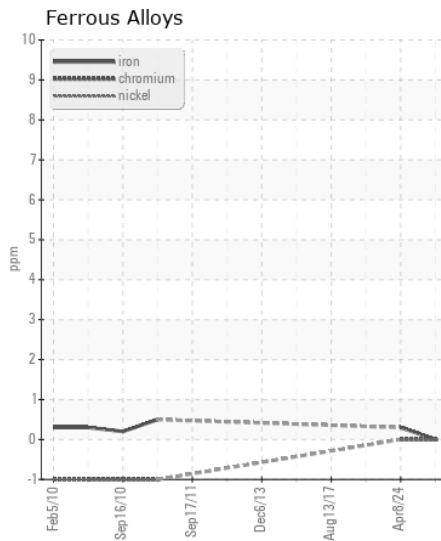
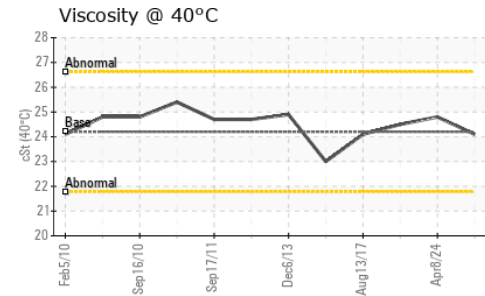
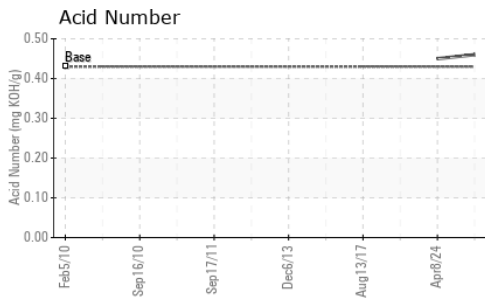
| | | | | | | |
|----------|-----|---------------|----|--------------|----|-----|
| Iron | ppm | ASTM D5185(m) | >8 | 0 | <1 | --- |
| Chromium | ppm | ASTM D5185(m) | >2 | 0 | 0 | --- |
| Nickel | ppm | ASTM D5185(m) | >2 | 0 | 0 | --- |
| Silver | ppm | ASTM D5185(m) | >2 | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185(m) | >2 | <1 | <1 | --- |
| Lead | ppm | ASTM D5185(m) | >3 | <1 | <1 | --- |
| Copper | ppm | ASTM D5185(m) | >3 | <1 | <1 | --- |

CONTAMINATION

| | | | | | | |
|-------|--|-----------|------|------------|-----|-----|
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
|-------|--|-----------|------|------------|-----|-----|

FLUID CONDITION

| | | | | | | |
|------------------|----------|---------------|------|--------------|------|------|
| Magnesium | ppm | ASTM D5185(m) | 0 | <1 | <1 | --- |
| Acid Number (AN) | mg KOH/g | ASTM D974* | 0.43 | 0.46 | 0.45 | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 24.2 | 24.1 | 24.8 | 24.5 |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GT57778 **Received** : 08 May 2024
Lab Number : **02634237** **Tested** : 08 May 2024
Unique Number : 5775390 **Diagnosed** : 08 May 2024 - Wes Davis
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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