



# OIL ANALYSIS REPORT

WEAR	<b>SEVERE</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**(CGJVO) PERIMETER AVIATION [53290]**  
 Machine Id  
**[CGJVO] FAIRCHILD METRO 23 SA227-DC P-70160C (S/N DC872B)**  
 Component  
**2 Jet Turbine**  
 Fluid  
**EASTMAN 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		<b>GT57914</b>	GT57602	GT57315
Sample Date		Client Info		<b>17 May 2024</b>	16 Apr 2024	16 Feb 2024
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>16</b>	483	394
Filter Age	hrs	Client Info		<b>16</b>	89	97
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>SEVERE</b>	---	---

## WEAR

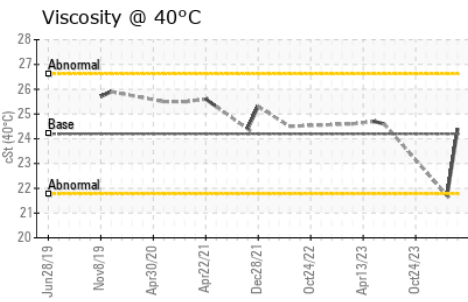
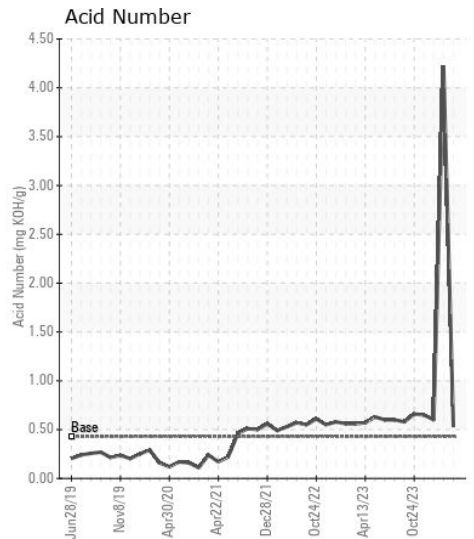
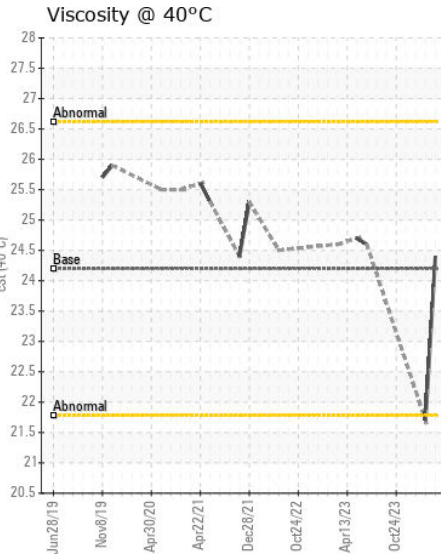
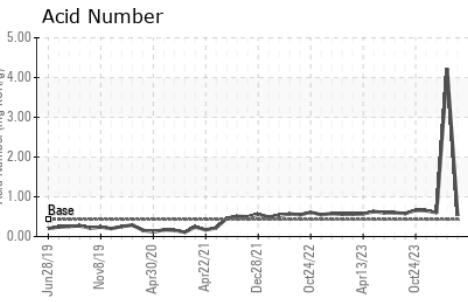
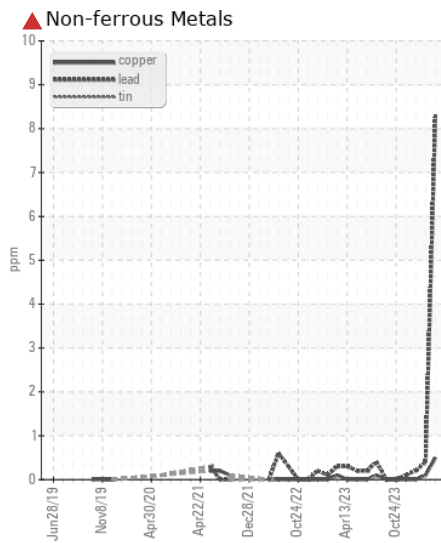
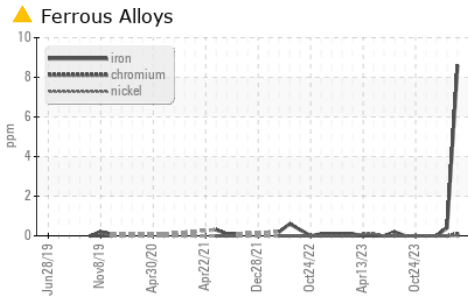
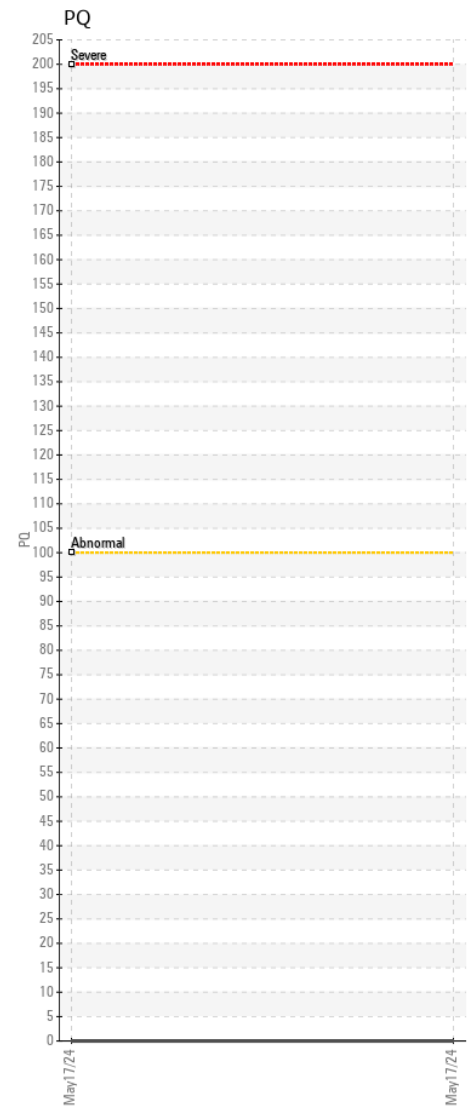
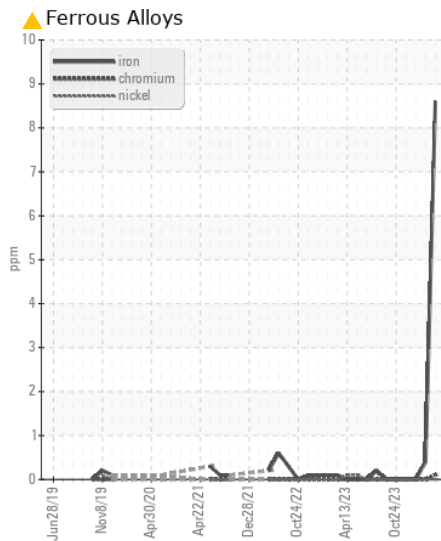
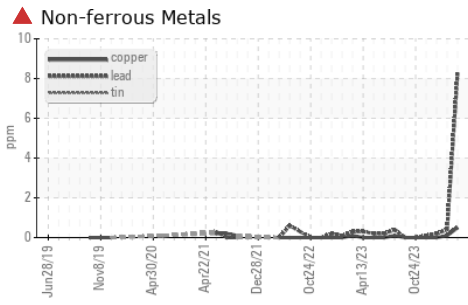
PQ		ASTM D8184*		<b>0</b>	---	---
Iron	ppm	ASTM D5185(m)	>8	<b>▲ 9</b>	<1	0
Chromium	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D5185(m)	>3	<b>▲ 8</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	0

## CONTAMINATION

Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
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## FLUID CONDITION

Magnesium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	0
Acid Number (AN)	mg KOH/g	ASTM D974*	0.43	<b>0.53</b>	▲ 4.22	0.60
Visc @ 40°C	cSt	ASTM D7279(m)	24.2	<b>24.4</b>	▲ 21.7	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GT57914 **Received** : 22 May 2024  
**Lab Number** : 02637039 **Tested** : 22 May 2024  
**Unique Number** : 5786201 **Diagnosed** : 22 May 2024 - Wes Davis  
**Test Package** : G331 ( Additional Tests: ICP, PQ )

**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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