



# OIL ANALYSIS REPORT

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

Area

**AIR SPRAY [53374]**

Machine Id

**GULFSTREAM AC690 P-40321 (S/N 11167)**

Component

**Jet Turbine**

Fluid

**SHELL AEROSHELL 500 (--- 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>GT57079</b>	GT5686	GT56189
Sample Date		Client Info		<b>04 Jun 2024</b>	15 Jul 2023	29 May 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>56</b>	333	236
Filter Age	hrs	Client Info		<b>114</b>	97	95
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>NORMAL</b>	NORMAL	---

## WEAR

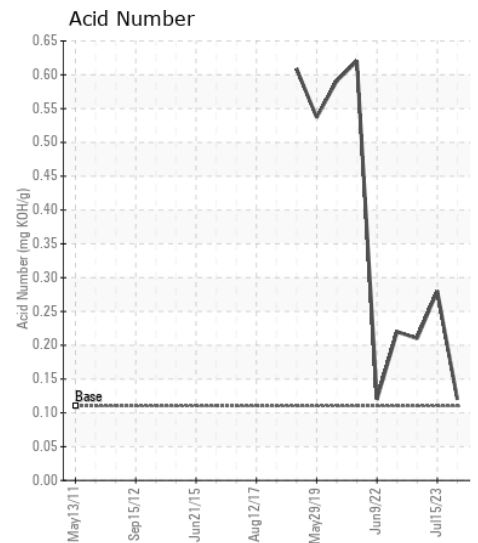
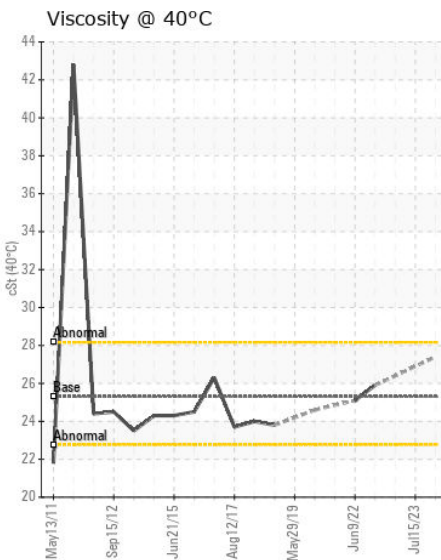
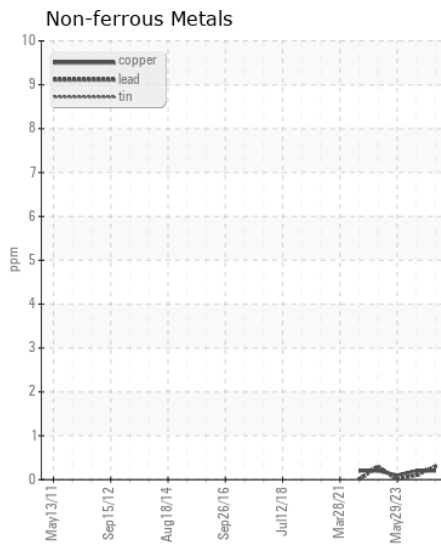
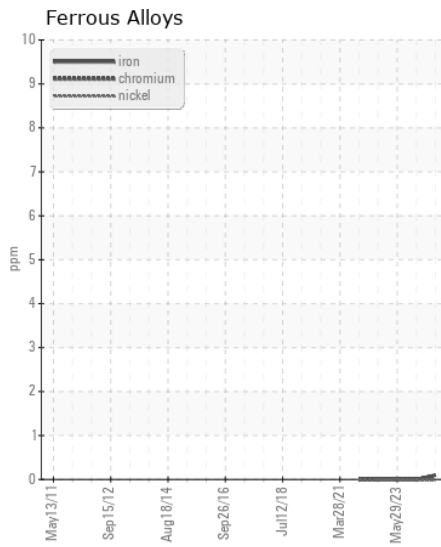
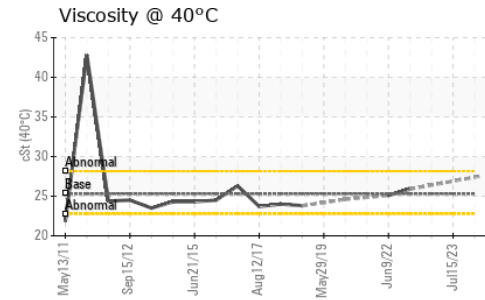
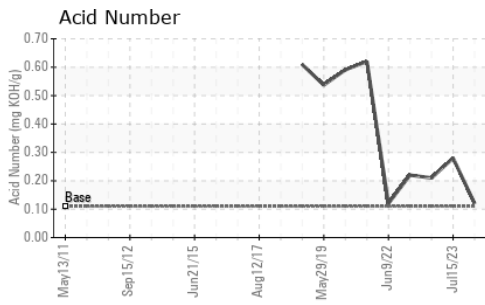
Iron	ppm	ASTM D5185(m)	>8	<b>&lt;1</b>	0	0
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>2	<b>1</b>	1	1
Lead	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	<1

## CONTAMINATION

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

Magnesium	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Acid Number (AN)	mg KOH/g	ASTM D974*	0.11	<b>0.12</b>	0.28	0.21
Visc @ 40°C	cSt	ASTM D7279(m)	25.3	<b>27.4</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GT57079  
**Lab Number** : 02642239  
**Unique Number** : 5799778  
**Test Package** : G331 ( Additional Tests: ICP )  
**Received** : 14 Jun 2024  
**Tested** : 14 Jun 2024  
**Diagnosed** : 14 Jun 2024 - Wes Davis

**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