



# OIL ANALYSIS REPORT

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

Area  
**(ZQG) THUNDER AIRLINES [52905]**  
Machine Id  
**[ZQG] MU213-60 36152 (S/N C-GGDL796)**  
Component  
**Left 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>GT57466</b>	GT56999	GT56998
Sample Date		Client Info		<b>20 Jan 2024</b>	24 Nov 2023	29 Aug 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>605</b>	464	193
Filter Age	hrs	Client Info		<b>141</b>	135	135
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>	---	---

## WEAR

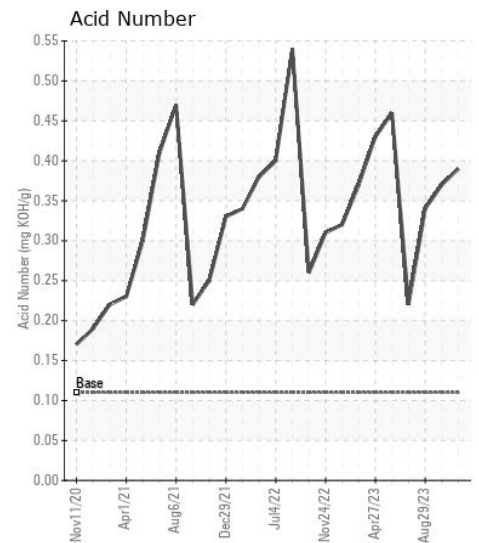
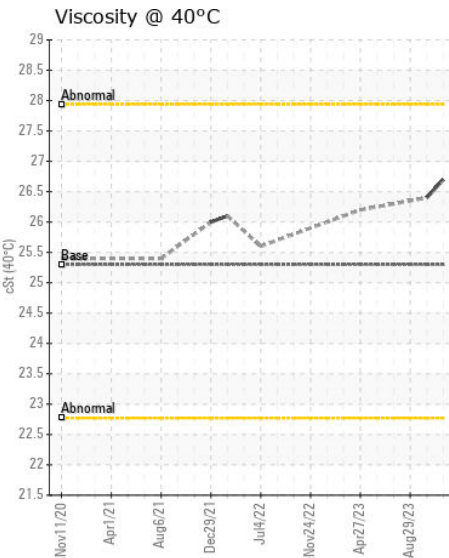
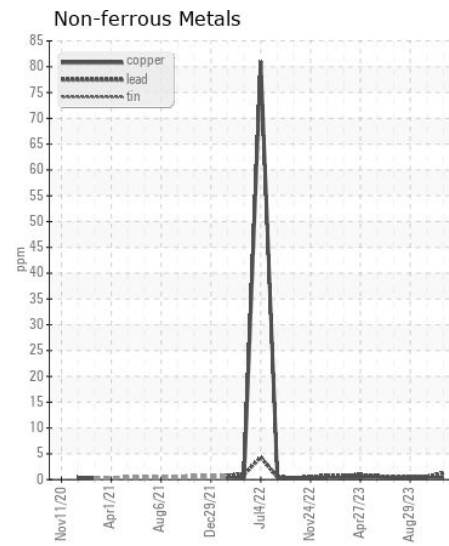
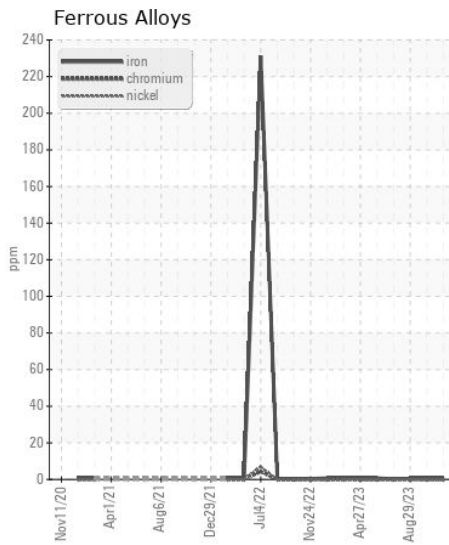
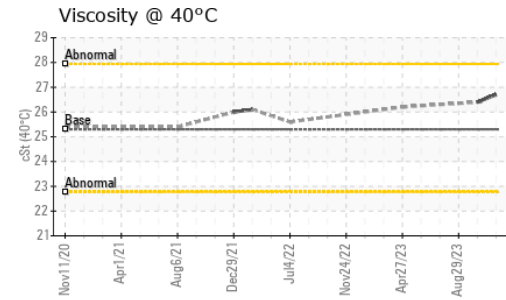
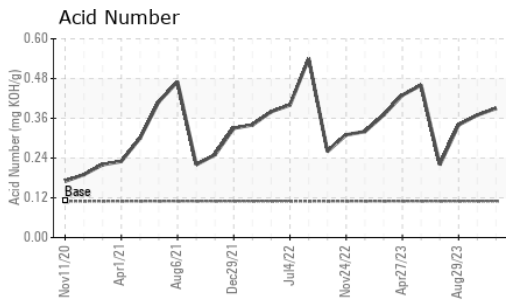
Iron	ppm	ASTM D5185(m)	>8	<b>1</b>	<1	<1
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>2	<b>1</b>	<1	<1
Lead	ppm	ASTM D5185(m)	>3	<b>1</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	<1

## CONTAMINATION

Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
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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>0.39</b>	0.37	0.34
Visc @ 40°C	cSt	ASTM D7279(m)	25.3	<b>26.7</b>	26.4	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GT57466 **Received** : 23 Jan 2024  
**Lab Number** : 02610797 **Diagnosed** : 23 Jan 2024  
**Unique Number** : 5711883 **Diagnostician** : 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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