



# OIL ANALYSIS REPORT

WEAR	UNKNOWN
CONTAMINATION	UNKNOWN
FLUID CONDITION	UNKNOWN

Area  
**(LNS) THUNDER AIRLINES [53170]**  
 Machine Id  
**[LNS] MITSUBISHI MU-2 P-38328 (S/N 1550SA)**  
 Component  
**Jet Turbine**  
 Fluid  
**SHELL AEROSHELL 500 (--- GAL)**

## RECOMMENDATION

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GT57453</b>	GT54422	GT52558
Sample Date		Client Info		<b>11 Apr 2024</b>	16 Feb 2022	16 Mar 2020
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>138</b>	579	386
Filter Age	hrs	Client Info		<b>138</b>	142	136
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>	---	---

## WEAR

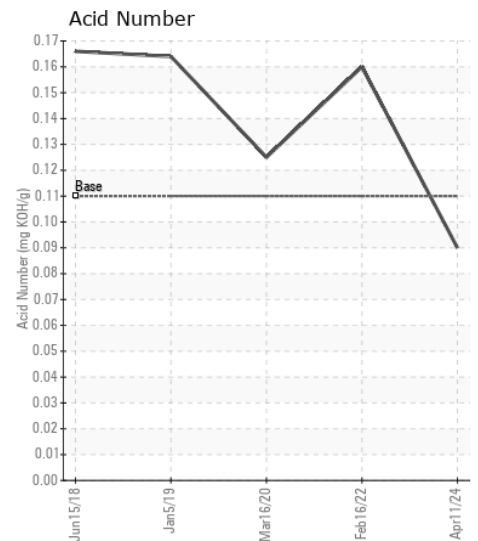
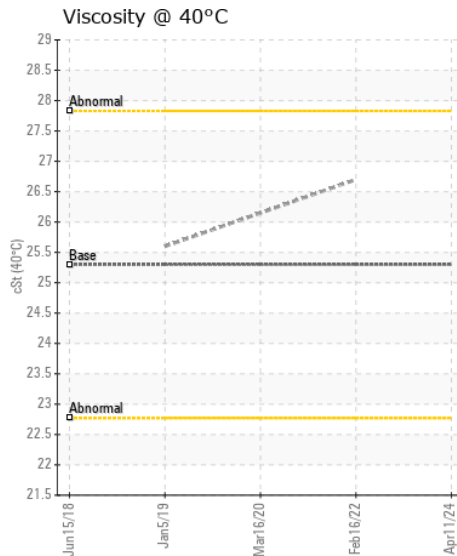
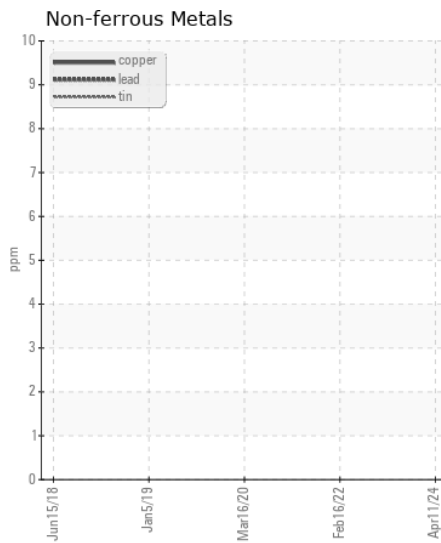
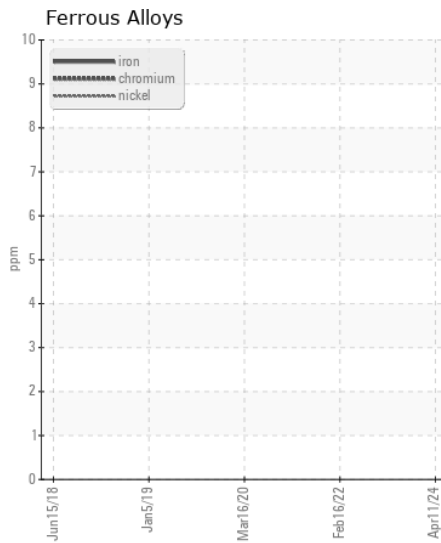
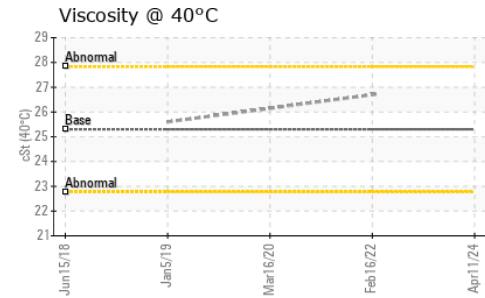
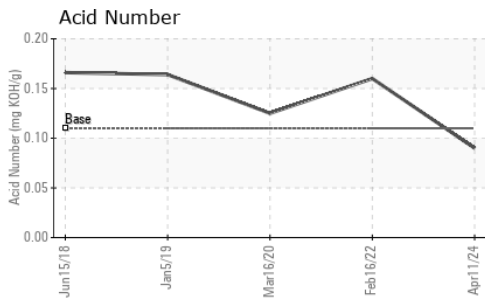
Iron	ppm	ASTM D5185(m)	>8	<b>&lt;1</b>	---	---
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)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

## 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>	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	0.11	<b>0.09</b>	0.16	0.125
Visc @ 40°C	cSt	ASTM D7279(m)	25.3	<b>---</b>	26.7	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GT57453 **Received** : 15 Apr 2024  
**Lab Number** : 02629096 **Tested** :  
**Unique Number** : 5762228 **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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