



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area  
**(CGNSC) FOX FLIGHT MAINTANCE [53333]**  
 Machine Id  
**[CGNSC] LEARJET TFE731-20BR-1B 116977C**  
 Component  
**Jet Turbine**  
 Fluid  
**MOBIL JET OIL 254 (--- 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>GT55376</b>	GT55249	GT55246
Sample Date		Client Info		<b>02 Jun 2024</b>	26 Mar 2024	24 Oct 2023
Machine Age	hrs	Client Info		<b>0</b>	6126	5906
Oil Age	hrs	Client Info		<b>542</b>	343	123
Filter Age	hrs	Client Info		<b>199</b>	220	207
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

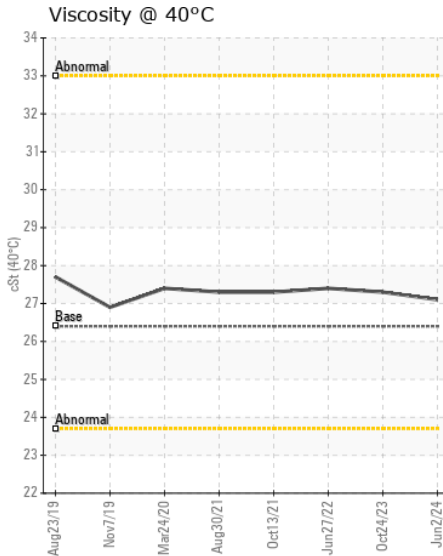
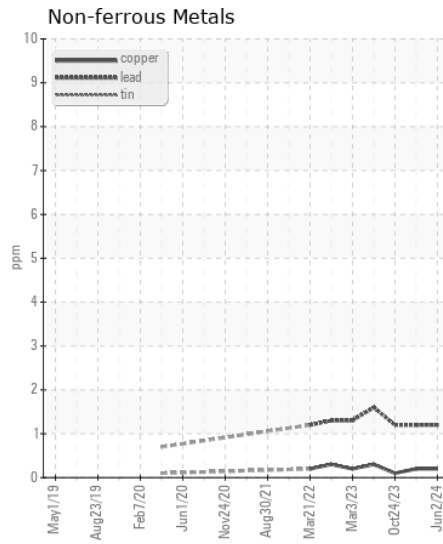
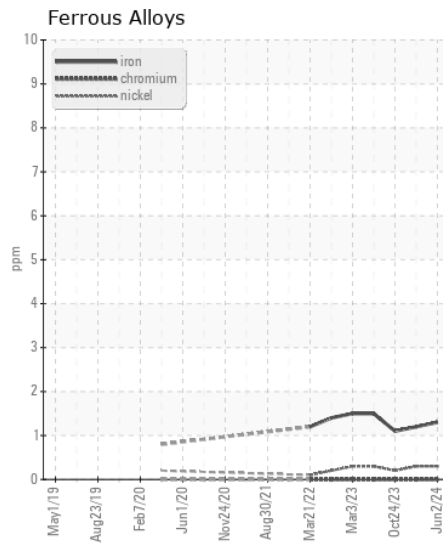
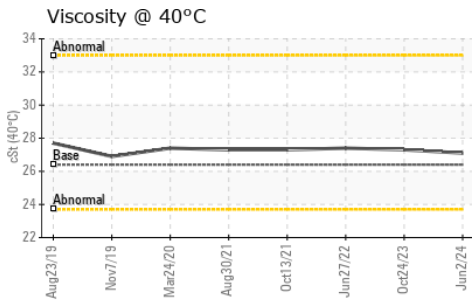
Iron	ppm	ASTM D5185(m)	>8	<b>1</b>	1	1
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Aluminum	ppm	ASTM D5185(m)	>2	<b>1</b>	1	<1
Lead	ppm	ASTM D5185(m)	>3	<b>1</b>	1	1
Copper	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<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
Visc @ 40°C	cSt	ASTM D7279(m)	26.4	<b>27.1</b>	---	27.3



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GT55376  
**Lab Number** : 02639537  
**Unique Number** : 5788699  
**Test Package** : G731 ( 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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