



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
(CGNSC) FOX FLIGHT MAINTANCE [53129]
Machine Id
[CGNSC] LEARJET TFE731-20BR-1B 116977C
Component
Jet Turbine
Fluid
MOBIL JET OIL 254 (--- GAL)

RECOMMENDATION

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT55249	GT55246	GT55104
Sample Date		Client Info		26 Mar 2024	24 Oct 2023	10 Jul 2023
Machine Age	hrs	Client Info		6126	5906	5699
Oil Age	hrs	Client Info		343	123	1038
Filter Age	hrs	Client Info		220	207	141
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				---	NORMAL	---

WEAR

Iron	ppm	ASTM D5185(m)	>8	1	1	2
Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Silver	ppm	ASTM D5185(m)	>2	<1	<1	<1
Aluminum	ppm	ASTM D5185(m)	>2	1	<1	▲ 2
Lead	ppm	ASTM D5185(m)	>3	1	1	2
Copper	ppm	ASTM D5185(m)	>3	<1	<1	<1

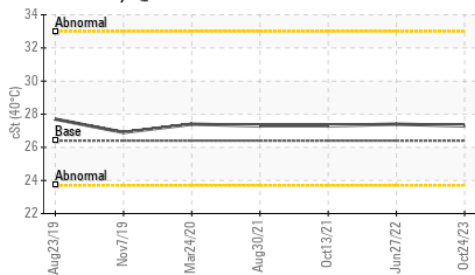
CONTAMINATION

Water		WC Method	>0.1	NEG	NEG	NEG
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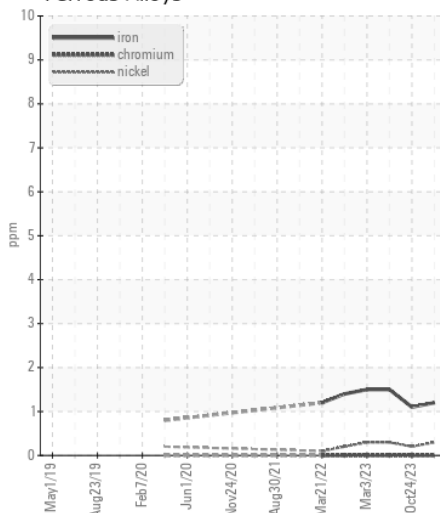
FLUID CONDITION

Magnesium	ppm	ASTM D5185(m)	0	0	0	0
Visc @ 40°C	cSt	ASTM D7279(m)	26.4	---	27.3	---

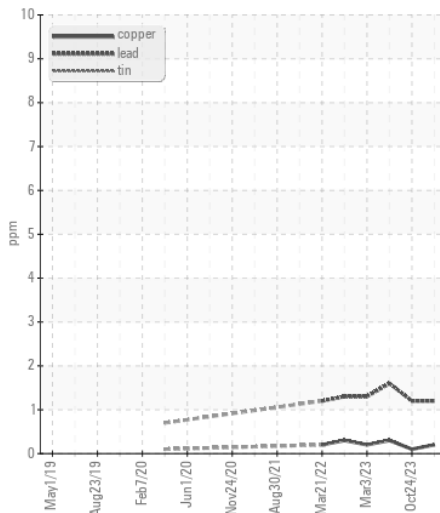
Viscosity @ 40°C



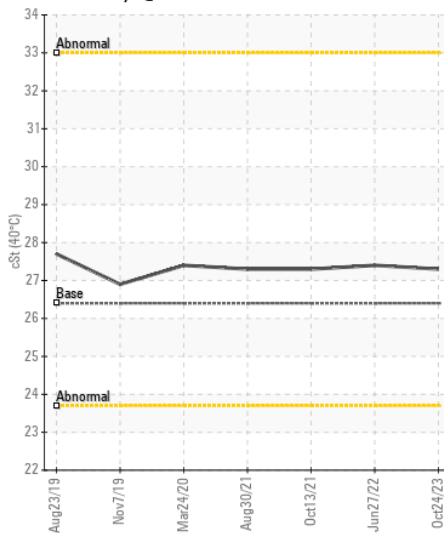
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GT55249 **Received** : 02 Apr 2024
Lab Number : 02626306 **Tested** :
Unique Number : 5759438 **Diagnosed** :
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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