



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
(YPA) CARGAIR LTEE [53019]
Machine Id
[YPA] BEECHCRAFT KING AIR BE-10 P-27066C (S/N BE-32)
Component
Jet Turbine
Fluid
MOBIL JET OIL II (--- GAL)

RECOMMENDATION

This is a baseline read-out on the submitted sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT57183	GT57190	GT56687
Sample Date		Client Info		24 Feb 2024	11 Nov 2023	14 Sep 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		134	580	430
Filter Age	hrs	Client Info		135	150	142
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	---	---

WEAR

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

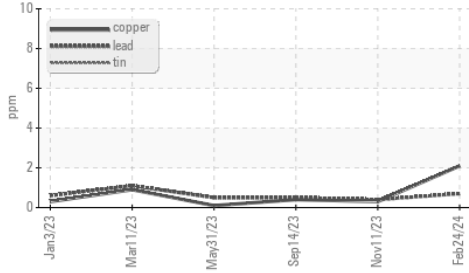
CONTAMINATION

Water		WC Method	>.1	NEG	NEG	NEG
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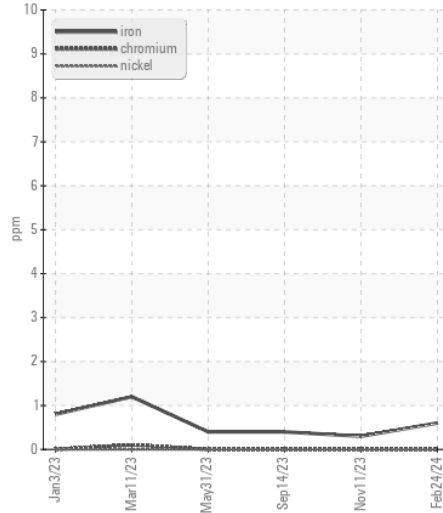
FLUID CONDITION

Magnesium	ppm	ASTM D5185(m)		<1	<1	<1
Acid Number (AN)	mg KOH/g	ASTM D974*	0.03	0.45	0.62	0.62
Visc @ 40°C	cSt	ASTM D7279(m)	27.6	25.4	---	---

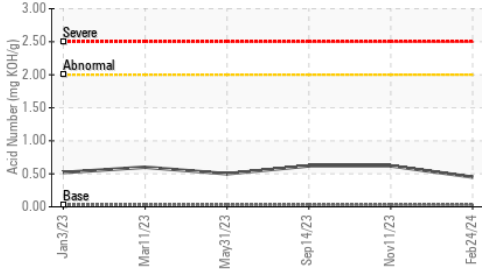
▲ Non-ferrous Metals



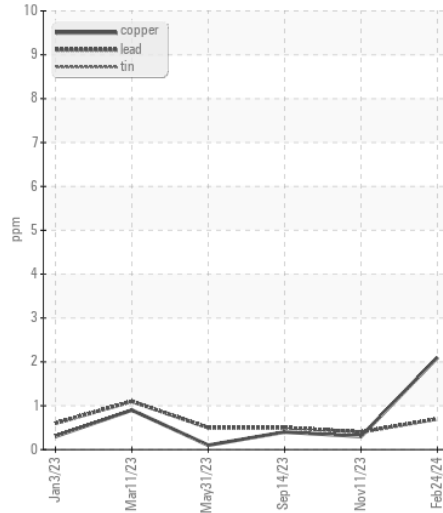
Ferrous Alloys



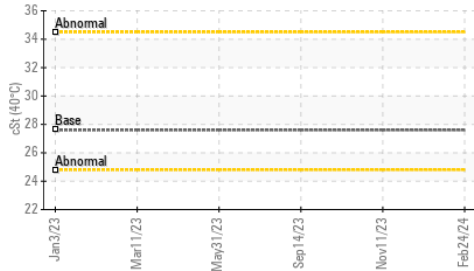
Acid Number



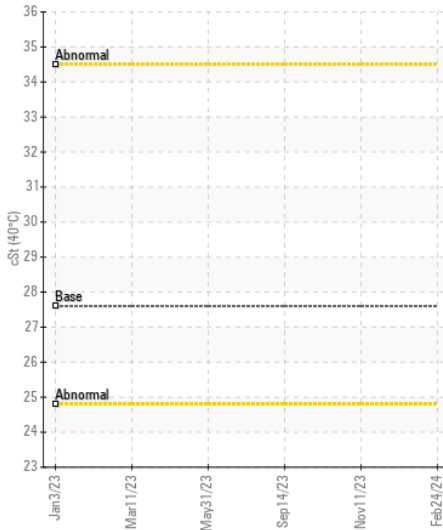
▲ Non-ferrous Metals



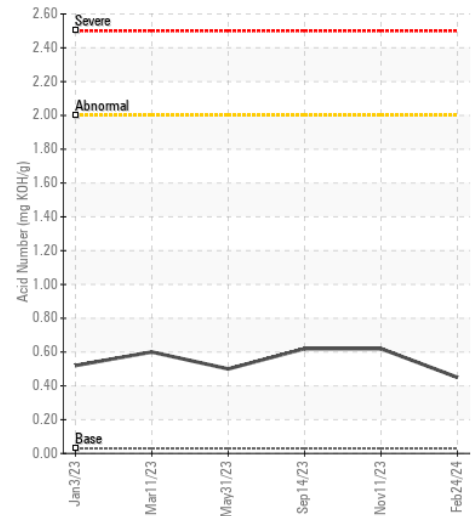
Viscosity @ 40°C



Viscosity @ 40°C



Acid Number



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GT57183
Lab Number : 02618822
Unique Number : 5735932
Test Package : G331 (Additional Tests: ICP)

Received : 28 Feb 2024
Tested : 28 Feb 2024
Diagnosed : 28 Feb 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:
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