



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
(C-GYHD) PERIMETER AVIATION [53204]
 Machine Id
[C-GYHD] FAIRCHILD SA227AC P-44164 (S/N AC739B)
 Component
2 Jet Turbine
 Fluid
EASTMAN TURBO OIL 2380 (--- GAL)

RECOMMENDATION

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT57514	GT55976	GT56416
Sample Date		Client Info		17 Apr 2024	09 Feb 2024	28 Dec 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		458	366	274
Filter Age	hrs	Client Info		92	92	86
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				---	NORMAL	NORMAL

WEAR

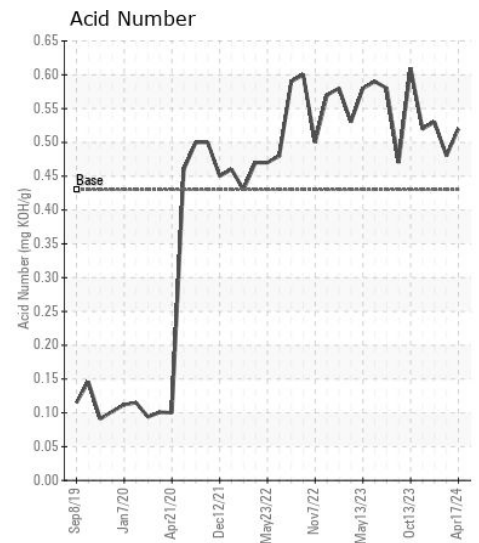
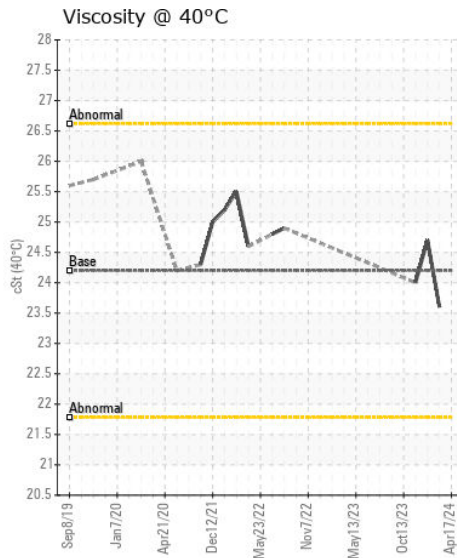
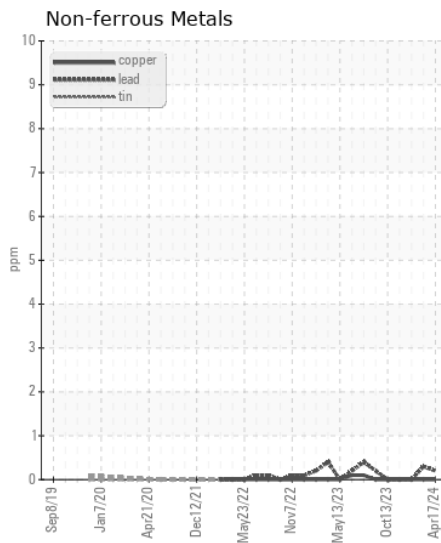
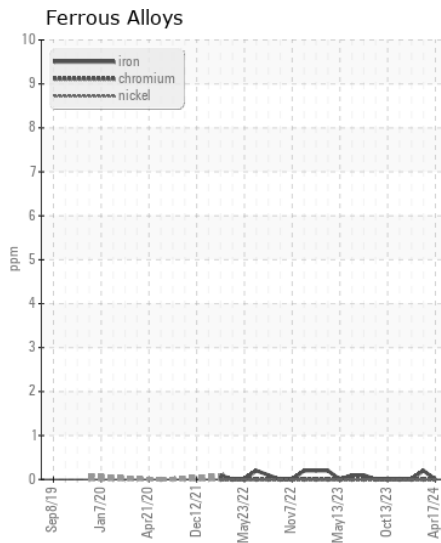
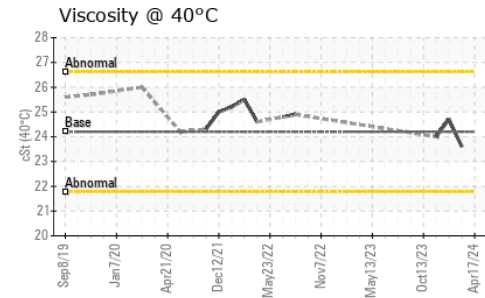
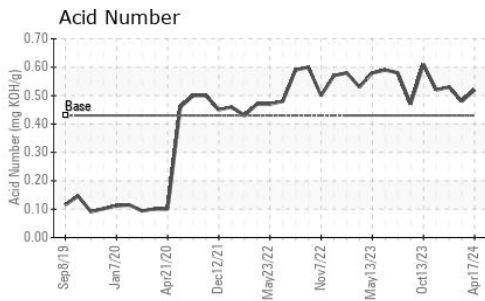
Iron	ppm	ASTM D5185(m)	>8	0	<1	0
Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>2	<1	1	<1
Lead	ppm	ASTM D5185(m)	>3	<1	<1	0
Copper	ppm	ASTM D5185(m)	>3	0	0	0

CONTAMINATION

Water		WC Method	>0.1	NEG	NEG	NEG
-------	--	-----------	------	------------	-----	-----

FLUID CONDITION

Magnesium	ppm	ASTM D5185(m)	0	<1	<1	<1
Acid Number (AN)	mg KOH/g	ASTM D974*	0.43	0.52	0.48	0.53
Visc @ 40°C	cSt	ASTM D7279(m)	24.2	---	23.6	24.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GT57514 **Received** : 23 Apr 2024
Lab Number : **02631081** **Tested** :
Unique Number : 5772234 **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.

T:
 F: (602)365-2676