



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
CARSON AIR LTD [52988]
 Machine Id
FAIRCHILD SA227 P-44389 (S/N AT-495B)
 Component
Jet Turbine
 Fluid
SHELL AEROSHELL 500 (--- GAL)

RECOMMENDATION

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT57626	GT56526	GT55668
Sample Date		Client Info		20 Feb 2024	15 May 2023	17 Feb 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		23	148	0
Filter Age	hrs	Client Info		56	148	141
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				---	---	---

WEAR

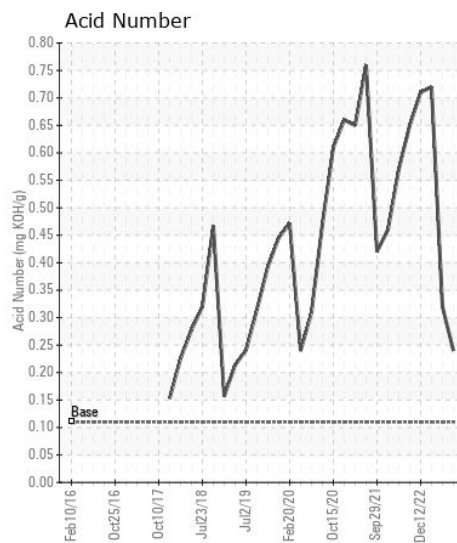
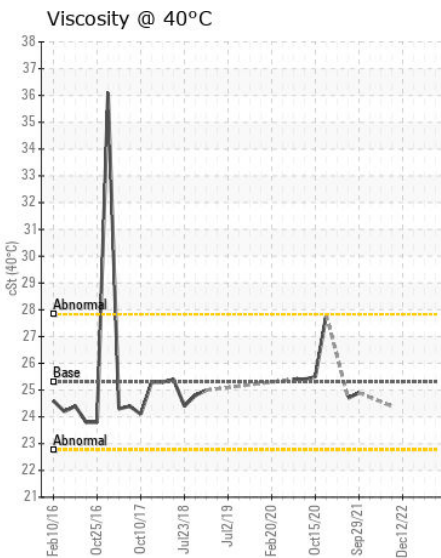
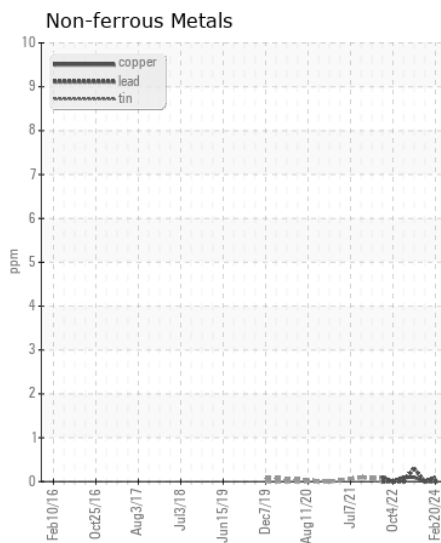
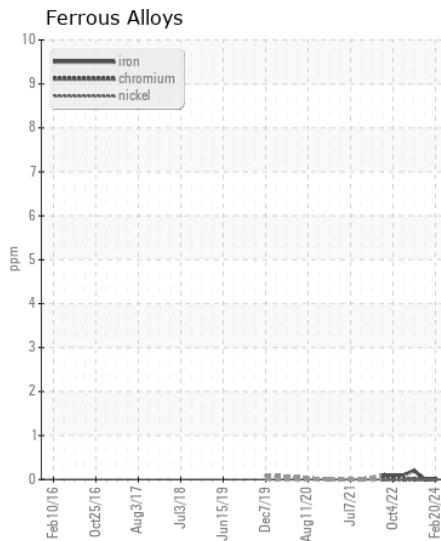
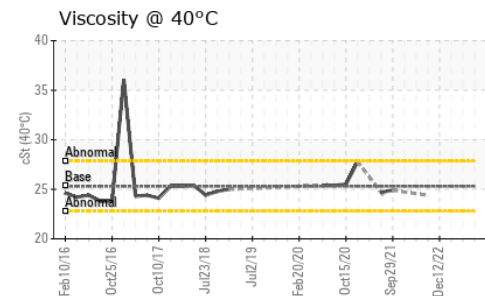
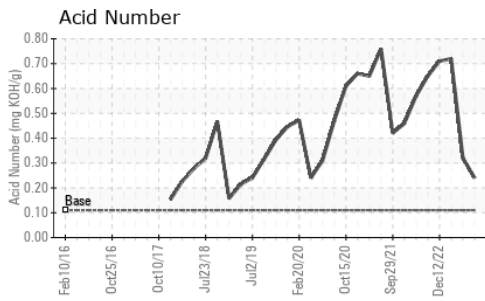
Iron	ppm	ASTM D5185(m)	>8	0	0	<1
Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>2	1	<1	▲ 1
Lead	ppm	ASTM D5185(m)	>3	0	0	<1
Copper	ppm	ASTM D5185(m)	>3	<1	0	<1

CONTAMINATION

Water		WC Method	>0.1	NEG	NEG	NEG
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FLUID CONDITION

Magnesium	ppm	ASTM D5185(m)	0	0	0	0
Acid Number (AN)	mg KOH/g	ASTM D974*	0.11	0.24	0.32	0.72



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GT57626 **Received** : 21 Feb 2024
Lab Number : 02617333 **Tested** :
Unique Number : 5734443 **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:
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