

OIL ANALYSIS REPORT

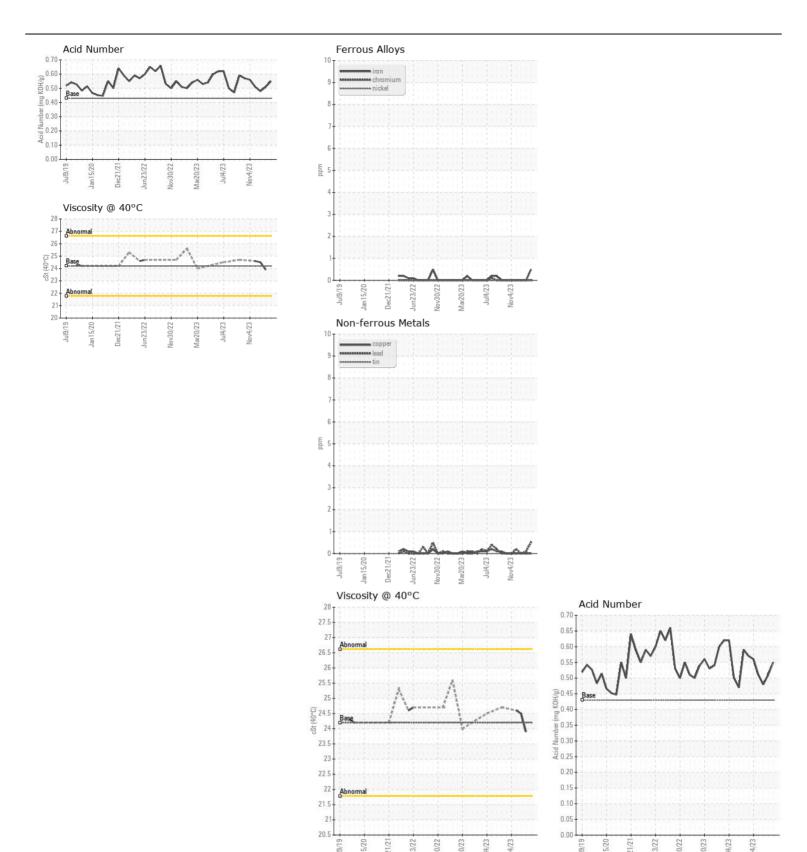
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

(CFTJC) SKYCARE AIR AMBULANCE [52998] [CFTJC] FAIRCHILD SA226 P-54224 (S/N TC-274)

1 Jet Turbine

EASTMAN TURBO OIL 2380 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT57137	GT57381	GT57379
Sample Date		Client Info		20 Feb 2024	24 Dec 2023	14 Dec 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		723	372	349
Filter Age	hrs	Client Info		65	24	70
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status					NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>8	<1	0	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
Water		WC Method	>0.1	NEG	NEG	NEG
Magnesium	ppm	ASTM D5185(m)	0	0	0	0
Acid Number (AN)	mg KOH/g	ASTM D974*	0.43	0.55	0.51	0.48
Visc @ 40°C	cSt	ASTM D7279(m)	24.2		23.9	24.5
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Silver Aluminum Lead Copper Water Magnesium Acid Number (AN)	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Water Magnesium ppm Acid Number (AN) mg KOH/g	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Oil Age hrs Client Info Client Info Oil Changed Filter Changed Sample Status Iron Chromium ppm ASTM D5185(m) Chromium ppm ASTM D5185(m) Silver ppm ASTM D5185(m) Aluminum ppm ASTM D5185(m) Lead ppm ASTM D5185(m) Copper ppm ASTM D5185(m) Water WC Method Magnesium ppm ASTM D5185(m) Water ASTM D5185(m)	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Cilent Info Oil Age hrs Client Info Cilent Info Sample Status Iron ppm ASTM D5185(m) Sample Status Iron ppm ASTM D5185(m) Sample Status Iron ppm ASTM D5185(m) Sample Status Iron ASTM D5185(m) Sample Sta	Sample Number Client Info GT57137 Sample Date Client Info 20 Feb 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 723 Filter Age hrs Client Info N/A Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status N/A Iron ppm ASTM D5185(m) >8 <1 Chromium ppm ASTM D5185(m) >2 0 Nickel ppm ASTM D5185(m) >2 0 Silver ppm ASTM D5185(m) >2 0 Aluminum ppm ASTM D5185(m) >3 <1 Copper ppm ASTM D5185(m) >3 <1 Copper ppm ASTM D5185(m) >3 0 Water WC Method >0.1 NEG Magnesium ppm ASTM D5185(m) 0.43 0.55 </th <th>Sample Number Client Info GT57137 GT57381 Sample Date Client Info 20 Feb 2024 24 Dec 2023 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 723 372 Filter Age hrs Client Info N/A N/A Oil Changed Client Info N/A N/A Filter Changed Client Info N/A N/A Sample Status NORMAL Iron ppm ASTM D5185(m) >8 <1 0 Chromium ppm ASTM D5185(m) >2 0 0 Nickel ppm ASTM D5185(m) >2 0 0 Silver ppm ASTM D5185(m) >2 1 <1 Aluminum ppm ASTM D5185(m) >3 <1 <1 Copper ppm ASTM D5185(m) >3 <1 <1 Copper ppm ASTM D5185(m) >3</th>	Sample Number Client Info GT57137 GT57381 Sample Date Client Info 20 Feb 2024 24 Dec 2023 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 723 372 Filter Age hrs Client Info N/A N/A Oil Changed Client Info N/A N/A Filter Changed Client Info N/A N/A Sample Status NORMAL Iron ppm ASTM D5185(m) >8 <1 0 Chromium ppm ASTM D5185(m) >2 0 0 Nickel ppm ASTM D5185(m) >2 0 0 Silver ppm ASTM D5185(m) >2 1 <1 Aluminum ppm ASTM D5185(m) >3 <1 <1 Copper ppm ASTM D5185(m) >3 <1 <1 Copper ppm ASTM D5185(m) >3







Laboratory Sample No.

Lab Number : 02617566

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : GT57137

Tested Unique Number : 5734676 Test Package : G331 (Additional Tests: ICP)

Received Diagnosed

: 22 Feb 2024

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.

F: (602)365-2676 Contact/Location: GARRETT? - HONPHO

T: