

OIL ANALYSIS REPORT

WEAR CONTAMINATION FLUID CONDITION

UNKNOWN UNKNOWN

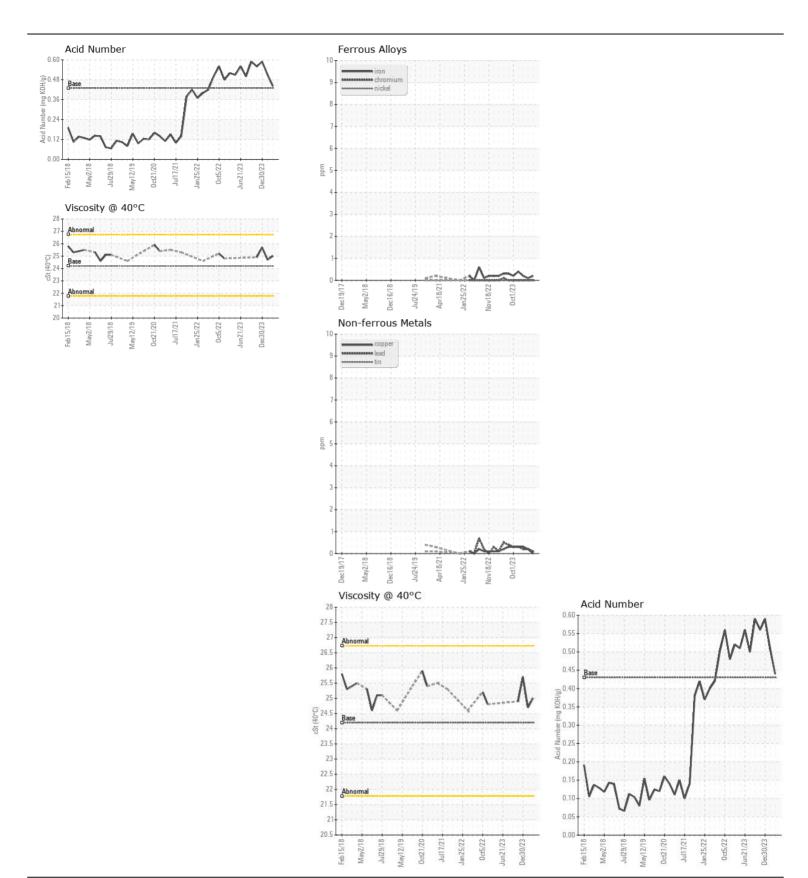
Area

(C-GQHJ) PERIMETER AVIATION [53134]
[C-GQHJ] FAIRCHILD SA226 P-54149 (S/N TC295)

2 Jet Turbine

EASTMAN TURBO OIL 2380 (--- GAL)

Test		 						
Sample Date Client Info 27 Mar 2024 12 Feb 2024 30 Dec 2023	DATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 0 0 0 0 Oil Age hrs Client Info 155 59 862 Filter Age hrs Client Info 97 91 98 Oil Changed Client Info N/A N/A N/A N/A Filter Changed Client Info N/A N/A N/A N/A Sample Status NORMAL NORMAL 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 Lead ppm ASTM D5185(m) >3 <1 <1 <1 Copper ppm ASTM D5185(m) <3 <3 <4 <1 <1 Copper ppm ASTM D5185(m) <3 <4 <4 <4 <4 <4 <4 <4		Sample Number		Client Info		GT57284	GT55962	GT57524
Oil Age		Sample Date		Client Info		27 Mar 2024	12 Feb 2024	30 Dec 2023
Filter Age		Machine Age	hrs	Client Info		0	0	0
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 <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 0 <1 <1 Water WC Method >0.1 NEG NEG NEG Magnesium ppm ASTM D5185(m) 0 0 0 <1 Acid Number (AN) mg KOHg ASTM D974*		Oil Age	hrs	Client Info		155	59	862
Filter Changed Client Info N/A N/A N/A N/A Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL		Filter Age	hrs	Client Info		97	91	98
Sample Status		Oil Changed		Client Info		N/A	N/A	N/A
Iron		Filter Changed		Client Info		N/A	N/A	N/A
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		Sample Status					NORMAL	NORMAL
Nickel ppm ASTM D5185(m) >2 0 0 0 0 Silver ppm ASTM D5185(m) >2 0 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 0 <1 <1 Water WC Method >0.1 NEG NEG NEG Magnesium ppm ASTM D5185(m) 0 0 0 <1 Acid Number (AN) mg KOH/g ASTM D974* 0.43 0.44 0.51 0.59		Iron	ppm	ASTM D5185(m)	>8	<1	<1	<1
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 0 <1 <1 Water WC Method >0.1 NEG NEG NEG Magnesium ppm ASTM D5185(m) 0 0 0 <1 Acid Number (AN) mg KOH/g ASTM D974* 0.43 0.44 0.51 0.59		Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum ppm ASTM D5185(m) >2 <1 1 1 <1 Lead ppm ASTM D5185(m) >3 <1 <1 <1 <1 Copper ppm ASTM D5185(m) >3 0 <1 <1 Water WC Method >0.1 NEG NEG NEG Magnesium ppm ASTM D5185(m) 0 0 0 <1 Acid Number (AN) mg KOH/g ASTM D974* 0.43 0.44 0.51 0.59		Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Lead ppm ASTM D5185(m) >3 <1		Silver	ppm	ASTM D5185(m)	>2	0	0	0
Copper ppm ASTM D5185(m) >3 0 <1		Aluminum	ppm	ASTM D5185(m)	>2	<1	1	<1
Water WC Method >0.1 NEG NEG NEG Magnesium ppm ASTM D5185(m) 0 0 0 <1 Acid Number (AN) mg KOH/g ASTM D974* 0.43 0.44 0.51 0.59		Lead	ppm	ASTM D5185(m)	>3	<1	<1	<1
Magnesium ppm ASTM D5185(m) 0 0 0 <1		Copper	ppm	ASTM D5185(m)	>3	0	<1	<1
Acid Number (AN) mg KOH/g ASTM D974* 0.43 0.44 0.51 0.59		Water		WC Method	>0.1	NEG	NEG	NEG
		Magnesium	ppm	ASTM D5185(m)	0	0	0	<1
Visc @ 40°C cSt ASTM D7279(m) 24.2 25.0 24.7 25.7		Acid Number (AN)	mg KOH/g	ASTM D974*	0.43	0.44	0.51	0.59
		Visc @ 40°C	cSt	ASTM D7279(m)	24.2	25.0	24.7	25.7







Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : GT57284 Lab Number : 02626508

Unique Number : 5759640 Test Package : G331 (Additional Tests: ICP)

Received : 03 Apr 2024 Tested

Diagnosed

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