

**OIL ANALYSIS REPORT** 

**WEAR CONTAMINATION FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

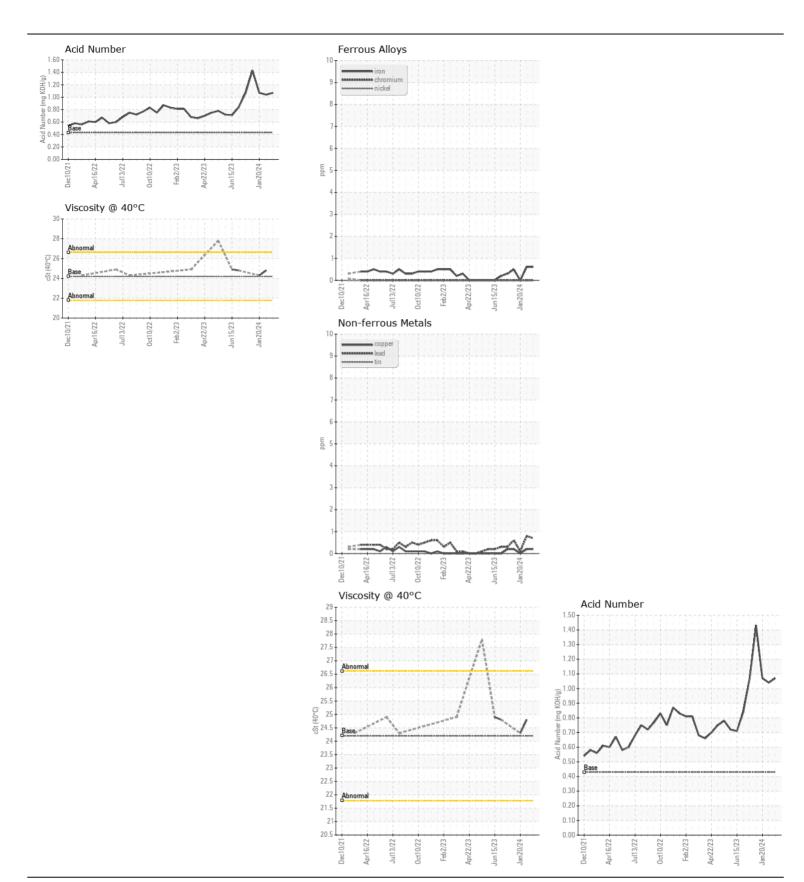
(C-FIOB) SKYCARE AIR AMBULANCE [53012]

[C-FIOB] METRO SA227AC P-44489C

Right Jet Turbine

EASTMAN TURBO OIL 2380 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT57674	GT57688	GT57176
Sample Date		Client Info		22 Feb 2024	07 Feb 2024	20 Jan 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		318	240	172
Filter Age	hrs	Client Info		79	68	59
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	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	<1
Copper	ppm	ASTM D5185(m)	>3	<1	<1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Magnesium	ppm	ASTM D5185(m)	0	<1	<1	0
Acid Number (AN)	mg KOH/g	ASTM D974*	0.43	1.07	1.04	1.07
Visc @ 40°C	cSt	ASTM D7279(m)	24.2		24.8	24.3
	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 Oil Age hrs Client Info Client Info Oil Changed Client Info Oil Changed Filter Changed Sample Status  Iron Chromium ppm ASTM D5185(m) Nickel ppm ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Lead ppm ASTM D5185(m) Copper ppm ASTM D5185(m)  Water WC Method  Magnesium ppm 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 Client Info Oil Changed Client Info Client Info Client Info Client Info Sample Status  Iron ppm ASTM D5185(m) Sample Status  Iron ppm ASTM D5185(m) Sample Status  Chromium ppm ASTM D5185(m) Sample Status  Iron	Sample Number         Client Info         GT57674           Sample Date         Client Info         22 Feb 2024           Machine Age         hrs         Client Info         0           Oil Age         hrs         Client Info         318           Filter Age         hrs         Client Info         79           Oil Changed         Client Info         N/A           Filter Changed         Client Info         N/A           Sample Status            Iron         ppm         ASTM D5185(m)         >8         <1           Chromium         ppm         ASTM D5185(m)         >2         0           Nickel         ppm         ASTM D5185(m)         >2         0           Aluminum         ppm         ASTM D5185(m)         >2         <1           Lead         ppm         ASTM D5185(m)         >3         <1           Copper         ppm         ASTM D5185(m)         >3         <1           Water         WC Method         >0.1         NEG           Magnesium         ppm         ASTM D5185(m)         0         <1           Acid Number (AN)         mg KOH/g         ASTM D974*         0.43         1.07 <th>Sample Number         Client Info         GT57674         GT57688           Sample Date         Client Info         22 Feb 2024         07 Feb 2024           Machine Age         hrs         Client Info         0         0           Oil Age         hrs         Client Info         318         240           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)         &gt;8         &lt;1         &lt;1           Chromium         ppm         ASTM D5185(m)         &gt;2         0         0           Nickel         ppm         ASTM D5185(m)         &gt;2         0         0           Silver         ppm         ASTM D5185(m)         &gt;2         &lt;1         &lt;1           Lead         ppm         ASTM D5185(m)         &gt;3         &lt;1         &lt;1           Copper         ppm         ASTM D5185(m)         &gt;3         &lt;1         &lt;1           Water         WC Method         &gt;0.1         NEG</th>	Sample Number         Client Info         GT57674         GT57688           Sample Date         Client Info         22 Feb 2024         07 Feb 2024           Machine Age         hrs         Client Info         0         0           Oil Age         hrs         Client Info         318         240           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         <1           Chromium         ppm         ASTM D5185(m)         >2         0         0           Nickel         ppm         ASTM D5185(m)         >2         0         0           Silver         ppm         ASTM D5185(m)         >2         <1         <1           Lead         ppm         ASTM D5185(m)         >3         <1         <1           Copper         ppm         ASTM D5185(m)         >3         <1         <1           Water         WC Method         >0.1         NEG







Laboratory Sample No.

: GT57674 Lab Number : 02617933 Unique Number : 5735043

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

Diagnosed

: 23 Feb 2024

**Honeywell Engines** 111 S. 34th Street, 301 Receiving, Attn: SOAP Program PHOENIX, AZ US 85034 Contact: GARRETT

Test Package : G331 ( Additional Tests: ICP ) To discuss this sample report, contact Customer Service at 1-800-268-2131.

F: (602)365-2676

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.

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