

OIL ANALYSIS REPORT

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

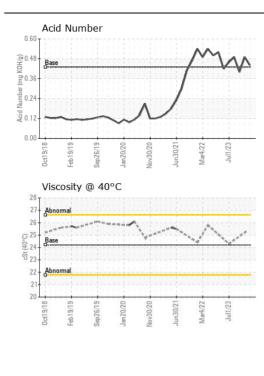
(XUS) PERIMETER AVIATION [53002]

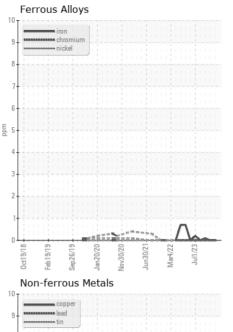
[XUS] FAIRCHILD METRO III SA227CC P-44572C (S/N 841B)

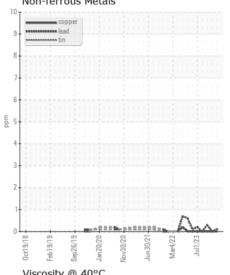
Right Jet Turbine

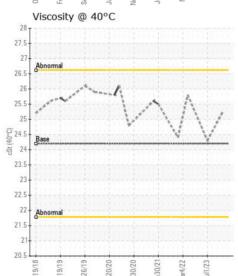
EASTMAN TURBO OIL 2380 (--- LTR)

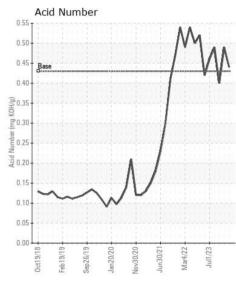
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT57310	GT57277	GT56560
Sample Date		Client Info		18 Feb 2024	12 Dec 2023	27 Oct 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		672	557	464
Filter Age	hrs	Client Info		90	93	86
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status					NORMAL	
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	<1	0	<1
Copper	ppm	ASTM D5185(m)	>3	0	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Magnesium	ppm	ASTM D5185(m)	0	0	<1	<1
Acid Number (AN)	mg KOH/g	ASTM D974*	0.43	0.44	0.49	0.40
Visc @ 40°C	cSt	ASTM D7279(m)	24.2)	25.2	
	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 Filter Changed Sample Status Iron Chromium ppm ASTM D5185(m) Nickel ppm ASTM D5185(m) Silver Aluminum ppm ASTM D5185(m) Lead ppm ASTM D5185(m) Copper ppm ASTM D5185(m) Water WC Method Magnesium ppm ASTM D5185(m) Wathod Magnesium Ppm ASTM D5185(m)	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Oil Age hrs Client Info Oil Changed Client Info Client Info Oil Changed Client Info Filter Changed Sample Status Iron ppm ASTM D5185(m) Sample Status Iron ppm ASTM D5185(m) Sample Status Iron ppm ASTM D5185(m) S2 Nickel ppm ASTM D5185(m) S2 Silver ppm ASTM D5185(m) S2 Aluminum ppm ASTM D5185(m) S2 Lead ppm ASTM D5185(m) S3 Copper ppm ASTM D5185(m) S3 Water WC Method S0.1 Magnesium ppm ASTM D5185(m) O Acid Number (AN) mg KOH/g ASTM D974* O.43	Sample Number Client Info GT57310 Sample Date Client Info 18 Feb 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 672 Filter Age hrs Client Info N/A Filter Changed Client Info N/A Filter Changed Client Info N/A Sample Status N/A Iron ppm ASTM D5185(m) >8 0 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 Water WC Method >0.1 NEG Magnesium ppm ASTM D974* 0.43 0.44	Sample Number Client Info GT57310 GT57277 Sample Date Client Info 18 Feb 2024 12 Dec 2023 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 672 557 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 0 0 Chromium ppm ASTM D5185(m) >2 0 0 Nickel ppm ASTM D5185(m) >2 0 0 Silver ppm ASTM D5185(m) >2 0 0 Aluminum ppm ASTM D5185(m) >3 <1 0 Copper ppm ASTM D5185(m) >3 <1 0 Water WC Method >0.1 NEG <













CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : GT57310 Lab Number : 02617923

Unique Number : 5735033

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. 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

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