

**OIL ANALYSIS REPORT** 

WEAR CONTAMINATION FLUID CONDITION

UNKNOWN UNKNOWN

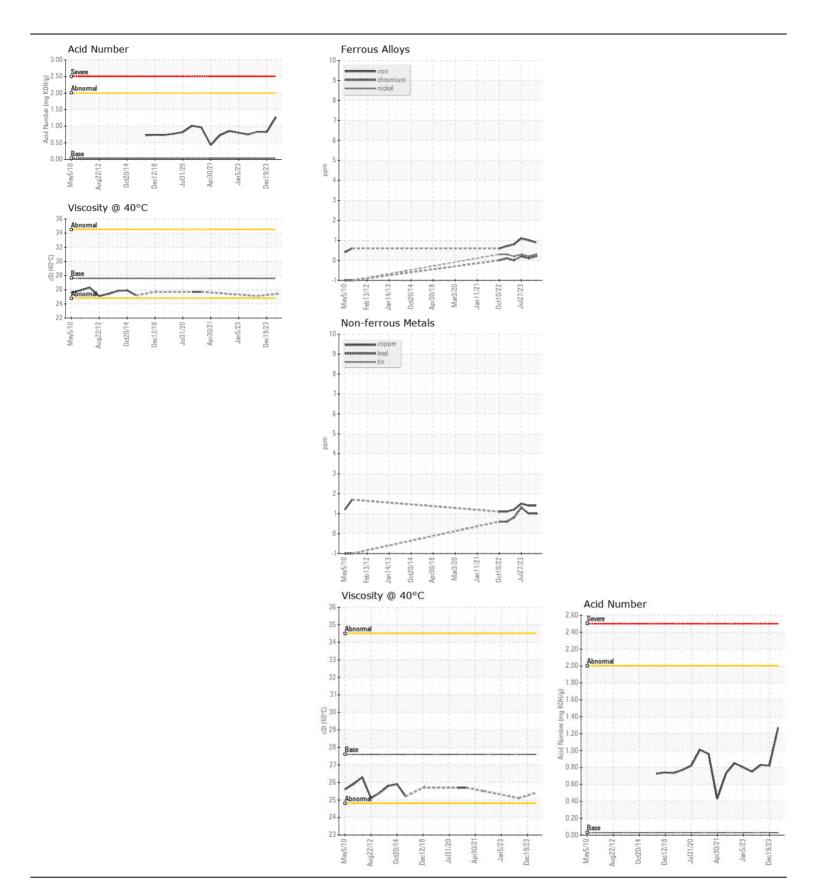
Area

PROVINCIAL AEROSPACE [53158]
METROLINER C-26 P-70038 (S/N 832)

Jet Turbine

MOBIL JET OIL II (--- LTR)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT53543	GT53566	GT53567
Sample Date		Client Info		04 Apr 2024	19 Dec 2023	27 Jul 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		716	622	519
Filter Age	hrs	Client Info		94	103	90
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	<1	1	1
Chromium	ppm	ASTM D5185(m)	>2	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<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	1	1	2
Water		WC Method	>.1	NEG	NEG	NEG
Magnesium	ppm	ASTM D5185(m)		3	3	3
Acid Number (AN)	mg KOH/g	ASTM D974*	0.03	1.27	0.82	0.83
Visc @ 40°C	cSt	ASTM D7279(m)	27.6	25.4		25.1
	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 Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status  Iron ppm ASTM D5185(m) Chromium ppm ASTM D5185(m) Nickel 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) Acid Number (AN) mg KOH/g ASTM D974*	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 Client 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) ASTM D5185(m) Acid Number (AN) Iron ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Acid Number (AN) Iron ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Acid Number (AN) Iron ASTM D5185(m) ASTM D5185(m) Acid	Sample Number         Client Info         GT53543           Sample Date         Client Info         04 Apr 2024           Machine Age         hrs         Client Info         0           Oil Age         hrs         Client Info         716           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         <1           Nickel         ppm         ASTM D5185(m)         >2         <1           Silver         ppm         ASTM D5185(m)         >2         <1           Lead         ppm         ASTM D5185(m)         >3         1           Copper         ppm         ASTM D5185(m)         >3         1           Water         WC Method         >.1         NEG           Magnesium         ppm         ASTM D974*         0.03         1.27	Sample Number         Client Info         GT53543         GT53566           Sample Date         Client Info         04 Apr 2024         19 Dec 2023           Machine Age         hrs         Client Info         0         0           Oil Age         hrs         Client Info         716         622           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              Iron         ppm         ASTM D5185(m)         >8         <1         1           Chromium         ppm         ASTM D5185(m)         >2         <1         <1           Nickel         ppm         ASTM D5185(m)         >2         <1         <1           Silver         ppm         ASTM D5185(m)         >2         <1         1           Aluminum         ppm         ASTM D5185(m)         >3         1         1           Copper         ppm         ASTM D5185(m)         >3         1         1           Water         WC Method         >.1         <





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: GT53543 Lab Number : 02627772

Unique Number : 5760904

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 09 Apr 2024 Tested Diagnosed

**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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