

OIL ANALYSIS REPORT

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

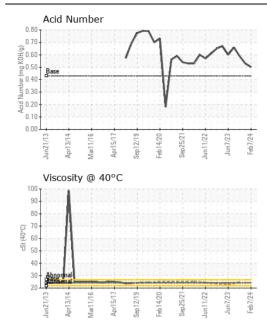
Area

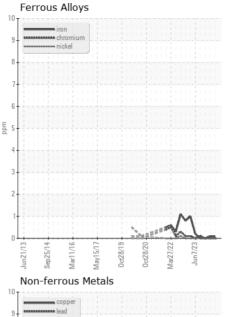
(CGSAX) SUMMIT AIR CHARTERS LP [52977] Machine Id [CGSAX] DORNIER D0228-202 P-39313 (S/N 8153)

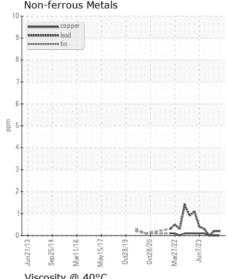
Jet Turbine

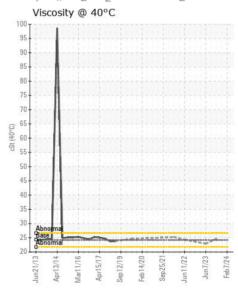
EASTMAN TURBO OIL 2380 (--- GAL)

Sample Number Client Info GT56613 GT56622 GT56600 Sample Date Client Info 07 Feb 2024 03 Dec 2023 20 Sep 20 Machine Age hrs Client Info 21298 21162 21051 Oil Age hrs Client Info 278 142 31 Filter Age hrs Client Info N/A N/A N/A Filter Changed Client Info N/A N/A N/A		 						
Sample Date Client Info 07 Feb 2024 03 Dec 2023 20 Sep 20	COMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 21298 21162 21051 Oil Age hrs Client Info 278 142 31 Filter Age hrs Client Info 278 111 115 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 NORMA NORMA NORMA NORMA Iron ppm ASTM 05185(m) >8 <1 <1 0 Chromium ppm ASTM 05185(m) >2 0 0 0 Nickel ppm ASTM 05185(m) >2 0 0 0 Silver ppm ASTM 05185(m) >2 0 0 0 Aluminum ppm ASTM 05185(m) >2 1 ▲ 2 <1 Lead ppm ASTM 05185(m) >3 <1 <1 0 Copper ppm ASTM 05185(m) >3 <1 <1 0 Acid Number (AN) mg KOHg ASTM D974* 0.43 0.50 0.53 0.59		Sample Number		Client Info		GT56613	GT56622	GT56604
Oil Age		Sample Date		Client Info		07 Feb 2024	03 Dec 2023	20 Sep 2023
Filter Age		Machine Age	hrs	Client Info		21298	21162	21051
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 NORMA 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 ▲ 2 <1 Lead ppm ASTM D5185(m) >3 <1 <1 0 Copper ppm ASTM D5185(m) >3 <1 <1 0 ON Water WC Method >0.1 NEG NEG NEG ON Acid Number (AN) mg KOHlg ASTM D974* 0.43 0.50 0.53 0.59 <		Oil Age	hrs	Client Info		278	142	31
Filter Changed Client Info N/A N/A N/A N/A Sample Status NORMA N/A N/		Filter Age	hrs	Client Info		278	111	115
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 0 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 ▲ 2 <1 Lead ppm ASTM D5185(m) >3 <1 <1 0 Copper ppm ASTM D5185(m) >3 0 0 0 TION Water WC Method >0.1 NEG NEG NEG NE		Sample Status						NORMAL
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 ▲ 2 <1		Iron	ppm	ASTM D5185(m)	>8	<1	<1	0
Silver ppm ASTM D5185(m) >2 0 0 0 Aluminum ppm ASTM D5185(m) >2 1 ▲ 2 <1		Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum ppm ASTM D5185(m) >2 1 ▲ 2 <1		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 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 0.50 0.53 0.59		Aluminum	ppm	ASTM D5185(m)	>2	1	2	<1
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 0.50 0.53 0.59		Lead	ppm	ASTM D5185(m)	>3	<1	<1	0
Magnesium ppm ASTM D5185(m) 0 0 0 0 0 0 Acid Number (AN) mg KOH/g ASTM D974* 0.43 0.50 0.53 0.59		Copper	ppm	ASTM D5185(m)	>3	0	0	0
Acid Number (AN) mg KOH/g ASTM D974* 0.43 0.50 0.53 0.59		Water		WC Method	>0.1	NEG	NEG	NEG
		 Magnesium	ppm	ASTM D5185(m)	0	0	0	0
Visc @ 40°C		Acid Number (AN)	mg KOH/g	ASTM D974*	0.43	0.50	0.53	0.59
		Visc @ 40°C	cSt	ASTM D7279(m)	24.2	()		24.6













CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : GT56613 Lab Number : 02616505

Unique Number : 5733615

Tested Diagnosed Test Package : G331 (Additional Tests: ICP)

Received

: 16 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.

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