



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
(YUA) THUNDER AIRLINES [53414]
Machine Id
[YUA] MITSUBISHI MU-2 P-38328 (S/N 1553SA)
Component
Right Jet Turbine
Fluid
SHELL AEROSHELL 500 (--- GAL)

RECOMMENDATION

This is a baseline read-out on the submitted sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT57870	GT57455	GT57464
Sample Date		Client Info		21 Jun 2024	13 May 2024	07 Mar 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		418	276	934
Filter Age	hrs	Client Info		142	138	135
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	---	ABNORMAL

WEAR

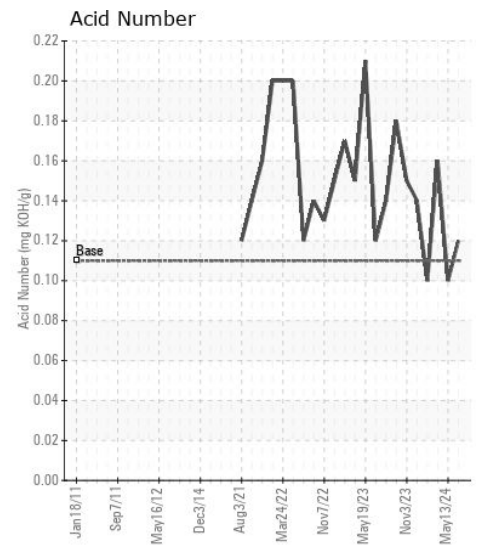
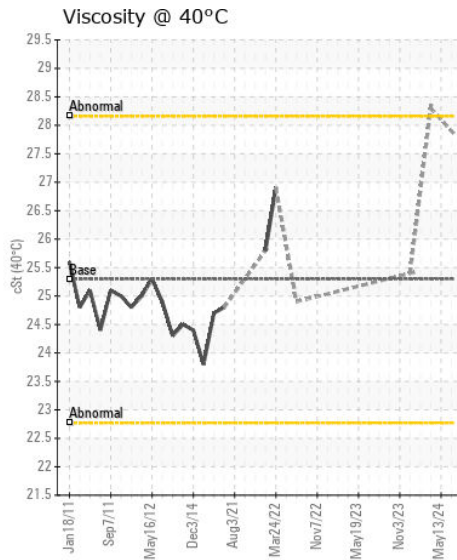
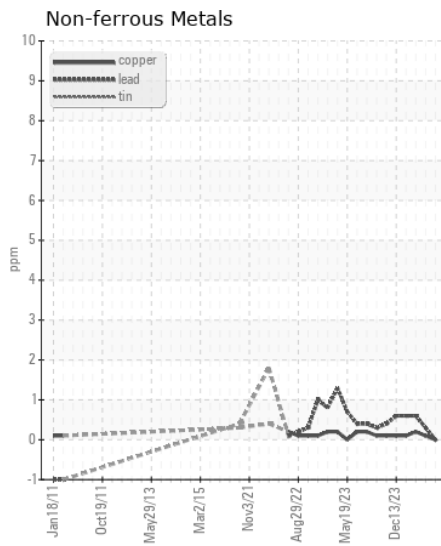
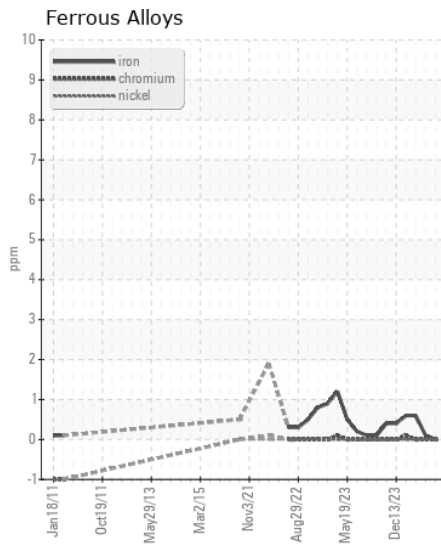
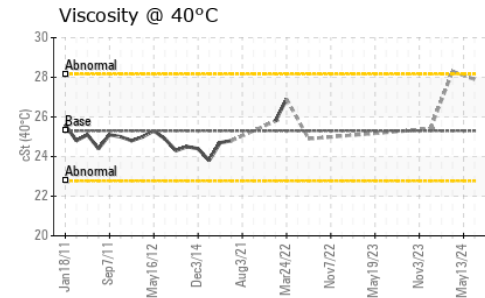
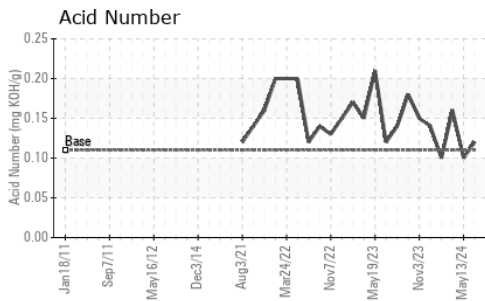
Iron	ppm	ASTM D5185(m)	>8	0	<1	<1
Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>2	<1	<1	1
Lead	ppm	ASTM D5185(m)	>3	0	<1	<1
Copper	ppm	ASTM D5185(m)	>3	0	<1	<1

CONTAMINATION

Water		WC Method	>0.1	NEG	NEG	NEG
-------	--	-----------	------	------------	-----	-----

FLUID CONDITION

Magnesium	ppm	ASTM D5185(m)	0	0	0	<1
Acid Number (AN)	mg KOH/g	ASTM D974*	0.11	0.12	0.10	0.16
Visc @ 40°C	cSt	ASTM D7279(m)	25.3	27.9	---	▲ 28.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GT57870 **Received** : 25 Jun 2024
Lab Number : 02644080 **Tested** : 25 Jun 2024
Unique Number : 5801619 **Diagnosed** : 25 Jun 2024 - Wes Davis
Test Package : G331 (Additional Tests: ICP)

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