



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
AIR NUNAVUT [53401]
 Machine Id
FALCON 20 98150C (S/N 463)
 Component
Jet Turbine
 Fluid
MOBIL JET OIL 254 (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GT55366	GT55304	GT55257
Sample Date		Client Info		17 Jun 2024	26 Feb 2024	21 Nov 2023
Machine Age	hrs	Client Info		11638	11477	11250
Oil Age	hrs	Client Info		2264	2103	187
Filter Age	hrs	Client Info		161	23	238
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	---	---

WEAR

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

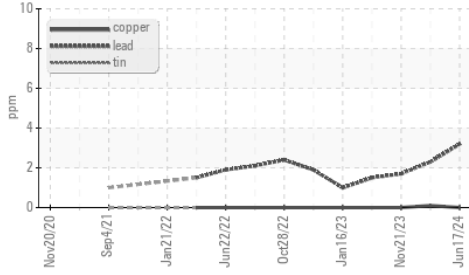
CONTAMINATION

Water		WC Method	>0.1	NEG	NEG	NEG
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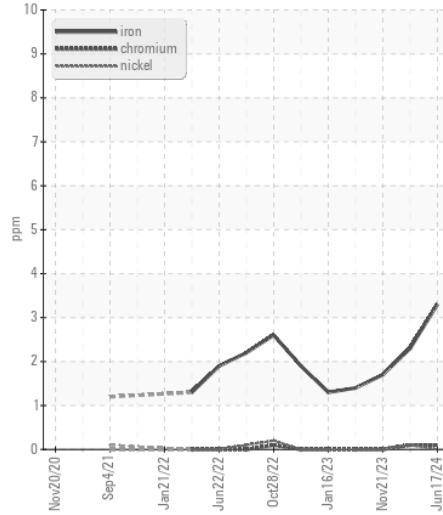
FLUID CONDITION

Magnesium	ppm	ASTM D5185(m)	0	0	0	0
Acid Number (AN)	mg KOH/g	ASTM D974*	0.08	0.16	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	26.4	27.2	---	---

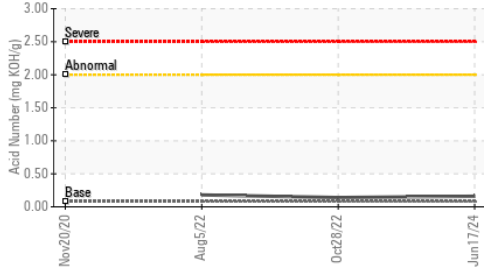
▲ Non-ferrous Metals



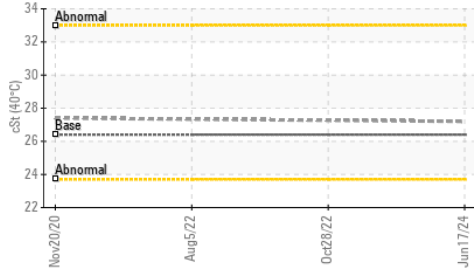
Ferrous Alloys



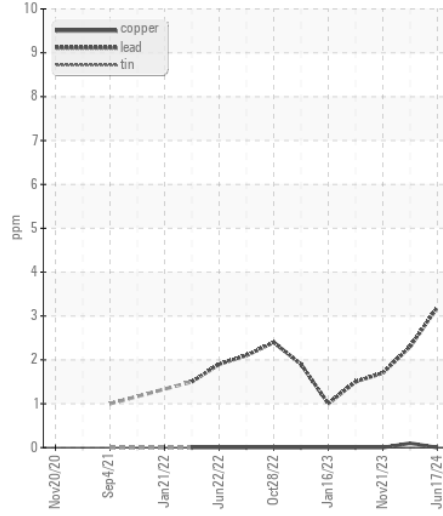
Acid Number



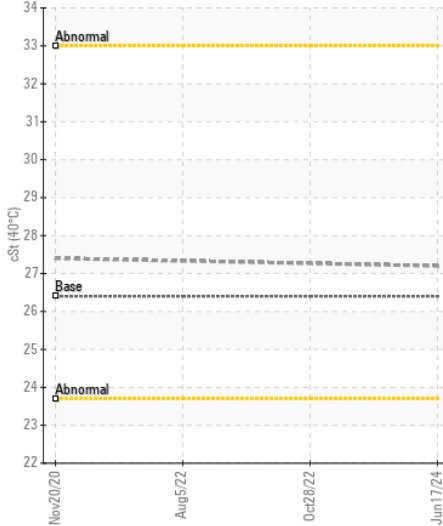
Viscosity @ 40°C



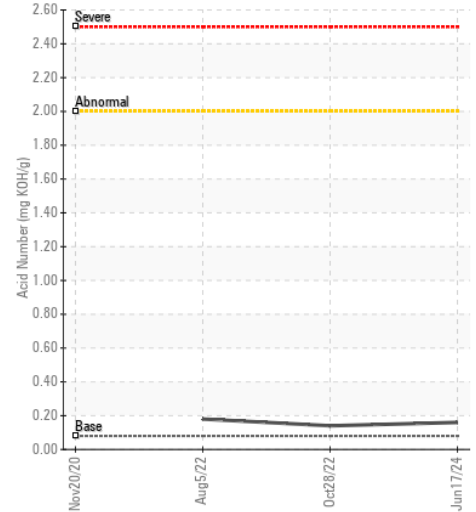
▲ Non-ferrous Metals



Viscosity @ 40°C



Acid Number



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GT55366 **Received** : 21 Jun 2024
Lab Number : 02643594 **Tested** : 21 Jun 2024
Unique Number : 5801133 **Diagnosed** : 21 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.

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