



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
GCCS ULTRA
Machine Id
ATLAS COPCO API669073 - MINGO AEROSPACE
Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06084320	UCH05342085	---
Sample Date		Client Info		01 Feb 2024	30 Aug 2021	---
Machine Age	hrs	Client Info		19259	11419	---
Oil Age	hrs	Client Info		8000	8000	---
Filter Age	hrs	Client Info		0	8000	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<1	11	---
Chromium	ppm	ASTM D5185m	>5	<1	0	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>15	<1	<1	---
Lead	ppm	ASTM D5185m	>65	0	<1	---
Copper	ppm	ASTM D5185m	>65	8	<1	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

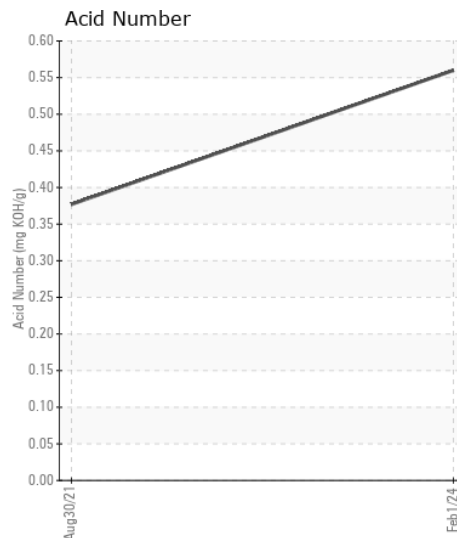
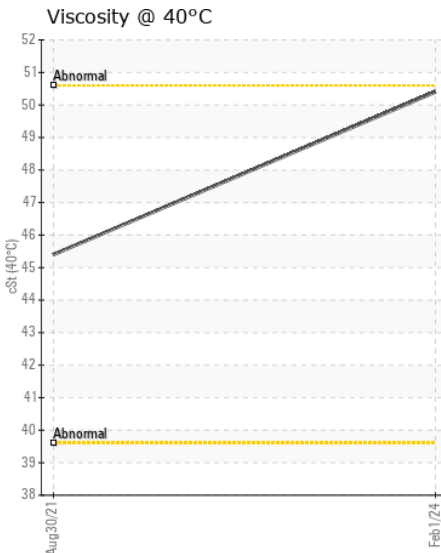
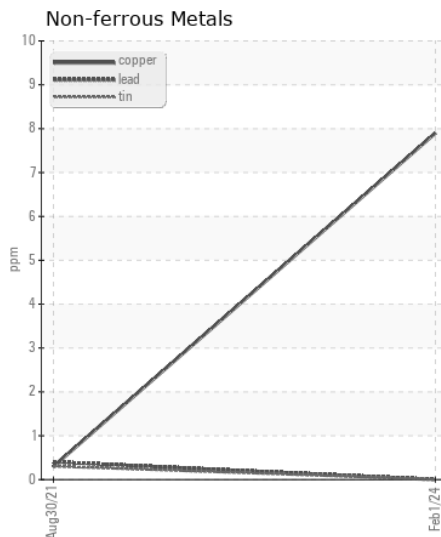
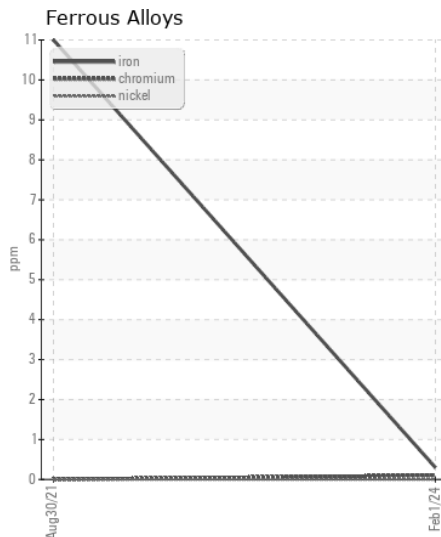
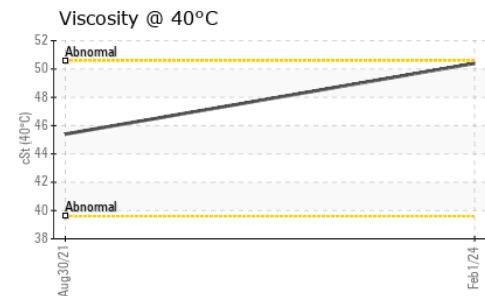
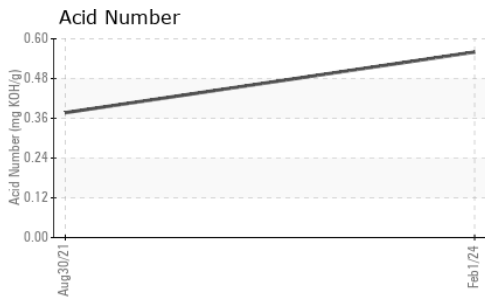
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>35	28	18	---
Potassium	ppm	ASTM D5185m	>20	<1	<1	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		0	18	---
Boron	ppm	ASTM D5185m		0	1	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		0	<1	---
Magnesium	ppm	ASTM D5185m		3	2	---
Calcium	ppm	ASTM D5185m		1	<1	---
Phosphorus	ppm	ASTM D5185m		247	369	---
Zinc	ppm	ASTM D5185m		5	18	---
Sulfur	ppm	ASTM D5185m		493	820	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.56	0.377	---
Visc @ 40°C	cSt	ASTM D445		50.4	45.4	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06084320 **Received** : 08 Feb 2024
Lab Number : 06084320 **Tested** : 09 Feb 2024
Unique Number : 10871765 **Diagnosed** : 12 Feb 2024 - Don Baldrige
Test Package : IND 2

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 US 74019
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To discuss this sample report, contact Customer Service at 1-800-237-1369.
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)