



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
NOT GIVEN

Machine Id
ATLAS COPCO S992874-01 - GEORGIA-PACIFIC

Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06229211	UCH06098507	UCH06067810
Sample Date		Client Info		20 Jun 2024	14 Feb 2024	10 Jan 2024
Machine Age	hrs	Client Info		0	0	127763
Oil Age	hrs	Client Info		0	8000	2000
Filter Age	hrs	Client Info		0	8000	0
Oil Changed		Client Info		N/A	Changed	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	1	0	3
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m		0	1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>15	<1	<1	0
Lead	ppm	ASTM D5185m	>65	<1	0	0
Copper	ppm	ASTM D5185m	>65	2	<1	1
Tin	ppm	ASTM D5185m	>10	<1	1	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

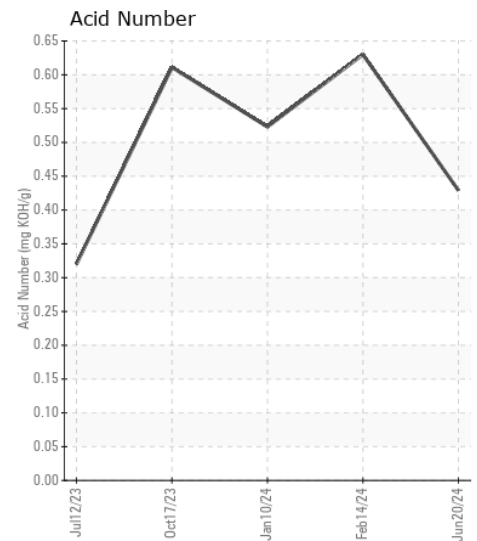
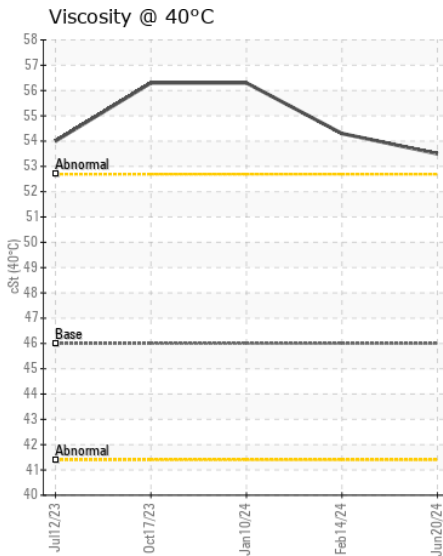
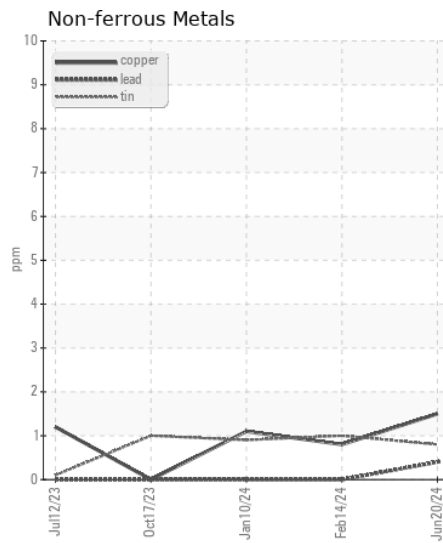
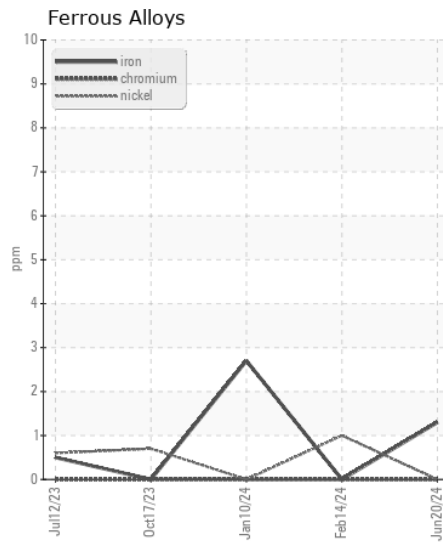
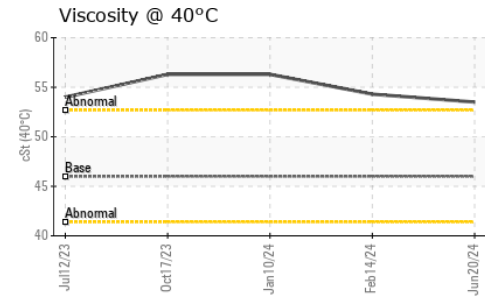
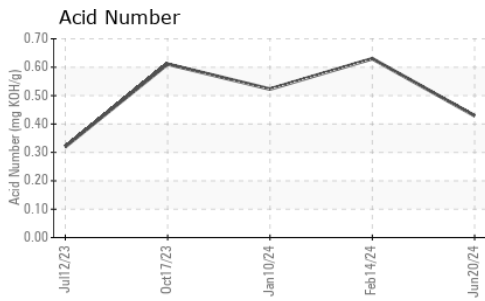
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>35	4	1	1
Potassium	ppm	ASTM D5185m	>20	12	8	10
Water		WC Method	>0.8	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.8	NEG	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		36	27	51
Boron	ppm	ASTM D5185m	2	0	0	0
Barium	ppm	ASTM D5185m	525	384	433	332
Molybdenum	ppm	ASTM D5185m	10	0	0	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m	5	2	2	0
Calcium	ppm	ASTM D5185m	10	3	3	0
Phosphorus	ppm	ASTM D5185m	250	3	3	3
Zinc	ppm	ASTM D5185m	100	7	3	7
Sulfur	ppm	ASTM D5185m	400	623	538	498
Acid Number (AN)	mg KOH/g	ASTM D8045		0.429	0.63	0.523
Visc @ 40°C	cSt	ASTM D445	46	53.5	54.3	56.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06229211
Lab Number : 06229211
Unique Number : 11112704
Test Package : IND 2

Received : 05 Jul 2024
Tested : 09 Jul 2024
Diagnosed : 09 Jul 2024 - Wes Davis

GREEN COUNTY COMPRESSOR SERVICE
 11974 E 530 RD
 CLAREMORE, OK
 US 74019
 Contact: ASHLEY PIGUET
 ashley@gccs.us.com
 T: (918)906-6343
 F:

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)