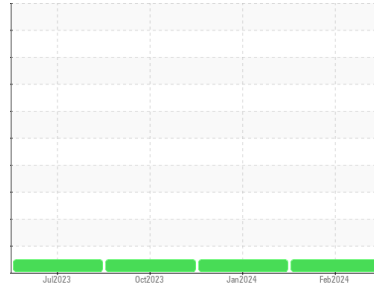


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
NOT GIVEN
 Machine Id
ATLAS COPCO S992874-01 - GEORGIA-PACIFIC
 Component
Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCH06098507	UCH06067810	UCH05987459
Sample Date	Client Info		14 Feb 2024	10 Jan 2024	17 Oct 2023
Machine Age	hrs	Client Info	0	127763	50000
Oil Age	hrs	Client Info	8000	2000	6000
Oil Changed	Client Info		Changed	Not Changd	Changed
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.8	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	0	3	0
Chromium	ppm	ASTM D5185m >5	0	0	0
Nickel	ppm	ASTM D5185m	1	0	<1
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >15	<1	0	<1
Lead	ppm	ASTM D5185m >65	0	0	0
Copper	ppm	ASTM D5185m >65	<1	1	0
Tin	ppm	ASTM D5185m >10	1	<1	1
Vanadium	ppm	ASTM D5185m	0	<1	<1
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 2	0	0	0
Barium	ppm	ASTM D5185m 525	433	332	316
Molybdenum	ppm	ASTM D5185m 10	0	0	0
Manganese	ppm	ASTM D5185m	<1	0	0
Magnesium	ppm	ASTM D5185m 5	2	0	4
Calcium	ppm	ASTM D5185m 10	3	0	4
Phosphorus	ppm	ASTM D5185m 250	3	3	5
Zinc	ppm	ASTM D5185m 100	3	7	15
Sulfur	ppm	ASTM D5185m 400	538	498	506

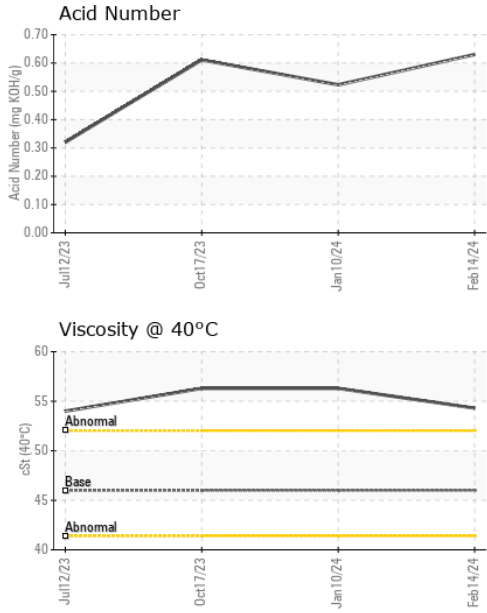
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	1	1	2
Sodium	ppm	ASTM D5185m	27	51	56
Potassium	ppm	ASTM D5185m >20	8	10	12

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.63	0.523	0.611

OIL ANALYSIS REPORT

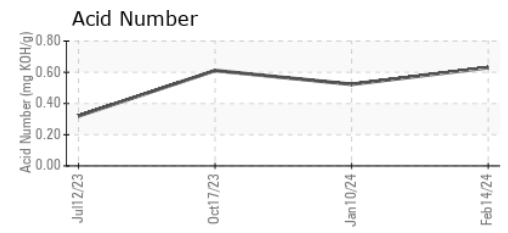
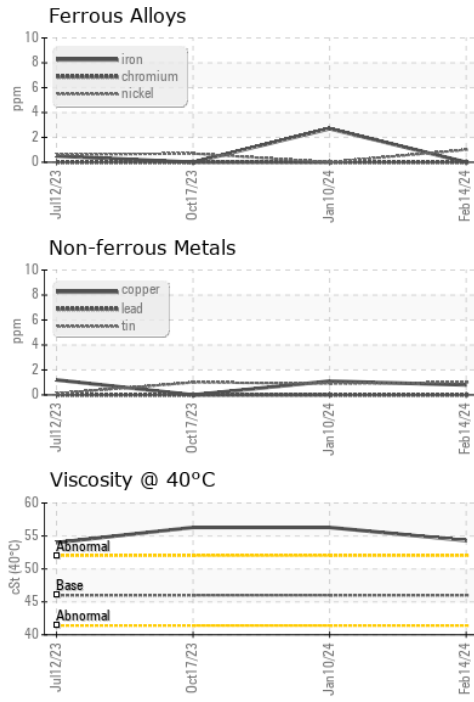


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.8	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	54.3	56.3

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06098507
Lab Number : **06098507**
Unique Number : 10896737
Test Package : IND 2

Received : 23 Feb 2024
Tested : 26 Feb 2024
Diagnosed : 26 Feb 2024 - Don Baldrige

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)