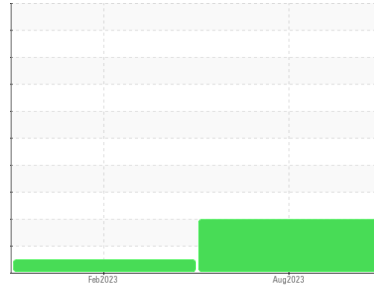




PROBLEM SUMMARY

Area
GCCS ULTRA
 Machine Id
SULLAIR 201904220026 - TULSA CEMENT SCALE HOUSE QUARRY
 Component
Compressor

Sample Rating Trend

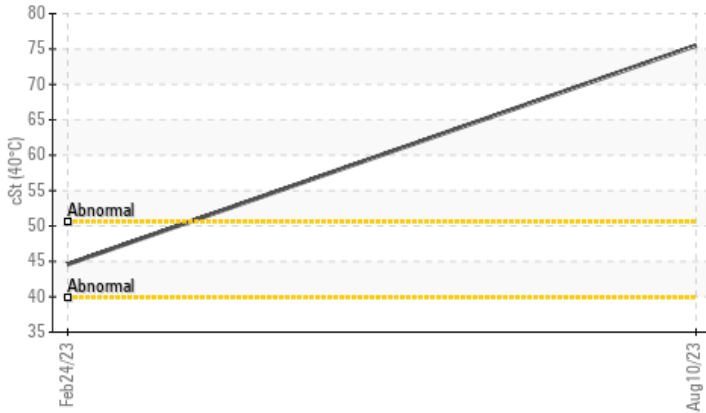


VISCOSITY

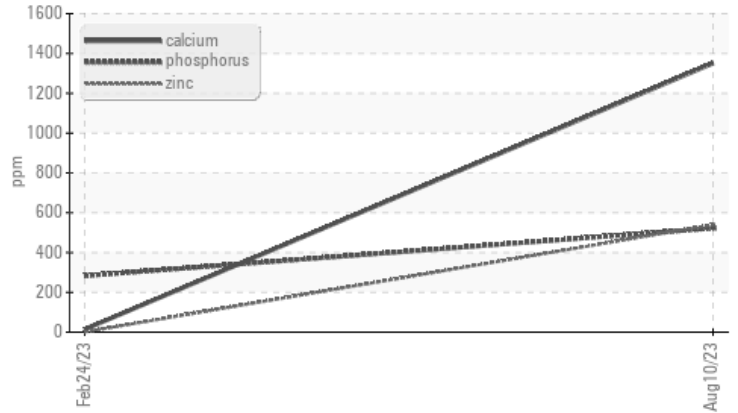


COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



▲ Additives



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status			ATTENTION	NORMAL	---
Calcium	ppm	ASTM D5185m	▲ 1351	14	---
Phosphorus	ppm	ASTM D5185m	▲ 522	283	---
Zinc	ppm	ASTM D5185m	▲ 539	<1	---
Sulfur	ppm	ASTM D5185m	▲ 2325	612	---
Visc @ 40°C	cSt	ASTM D445	▲ 75.5	44.6	---

Customer Id: UCGRECLA
 Sample No.: UCH05934444
 Lab Number: 05934444
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

24 Feb 2023 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

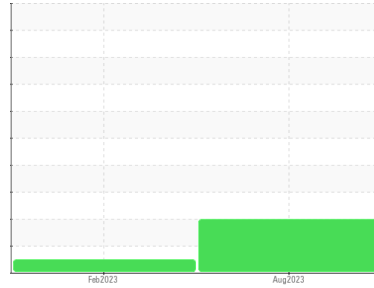
view report





OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Area
GCCS ULTRA
 Machine Id
SULLAIR 201904220026 - TULSA CEMENT SCALE HOUSE QUARRY
 Component
Compressor

DIAGNOSIS

▲ Recommendation

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

▲ Fluid Condition

The oil viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCH05934444	UCH05788025	---
Sample Date	Client Info		10 Aug 2023	24 Feb 2023	---
Machine Age	hrs	Client Info	28074	28970	---
Oil Age	hrs	Client Info	8000	24467	---
Oil Changed	Client Info		Changed	Not Changd	---
Sample Status			ATTENTION	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	3	2	---
Chromium	ppm	ASTM D5185m >10	0	<1	---
Nickel	ppm	ASTM D5185m	0	0	---
Titanium	ppm	ASTM D5185m	0	<1	---
Silver	ppm	ASTM D5185m	<1	0	---
Aluminum	ppm	ASTM D5185m >25	2	2	---
Lead	ppm	ASTM D5185m >25	<1	0	---
Copper	ppm	ASTM D5185m >50	36	0	---
Tin	ppm	ASTM D5185m >15	2	<1	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	7	0	---
Barium	ppm	ASTM D5185m	113	0	---
Molybdenum	ppm	ASTM D5185m	1	<1	---
Manganese	ppm	ASTM D5185m	0	1	---
Magnesium	ppm	ASTM D5185m	2	3	---
Calcium	ppm	ASTM D5185m	▲ 1351	14	---
Phosphorus	ppm	ASTM D5185m	▲ 522	283	---
Zinc	ppm	ASTM D5185m	▲ 539	<1	---
Sulfur	ppm	ASTM D5185m	▲ 2325	612	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	4	4	---
Sodium	ppm	ASTM D5185m	0	2	---
Potassium	ppm	ASTM D5185m >20	2	<1	---

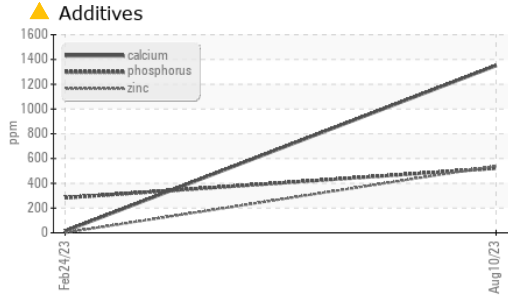
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.64	0.42	---

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	MODER	NONE	---
Debris	scalar	*Visual NONE	MODER	LIGHT	---
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	---
Free Water	scalar	*Visual	NEG	NEG	---

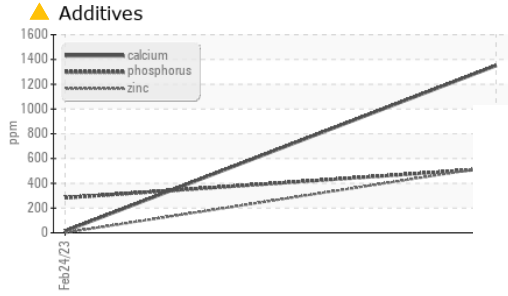
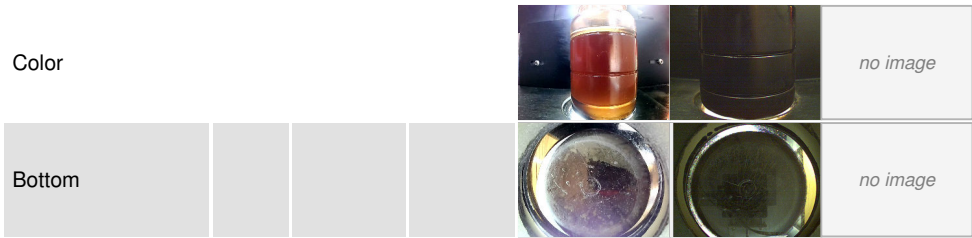
OIL ANALYSIS REPORT



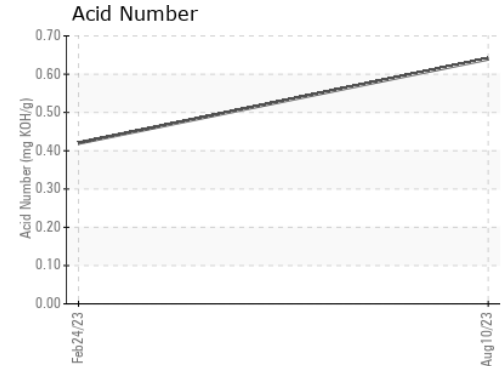
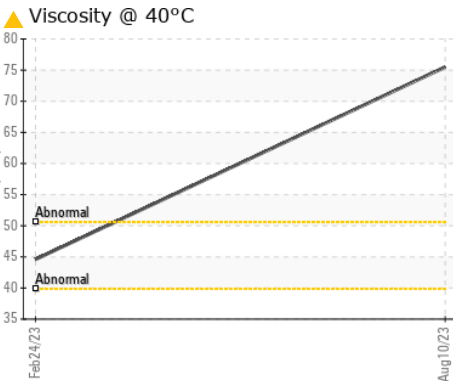
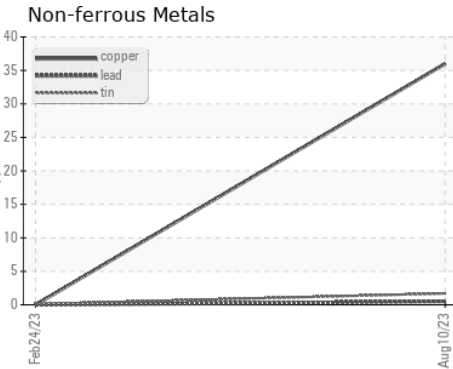
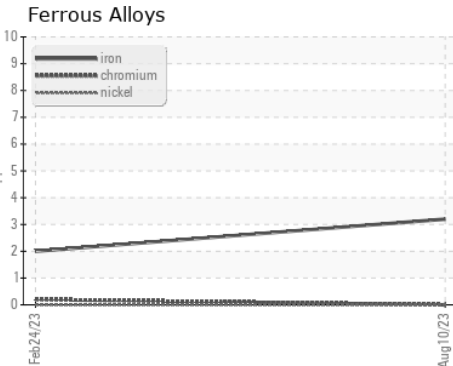
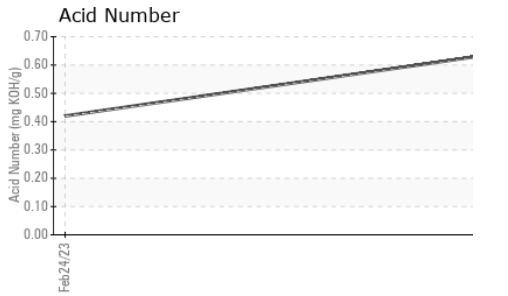
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	▲ 75.5	44.6	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05934444 **Received** : 24 Aug 2023
Lab Number : 05934444 **Diagnosed** : 29 Aug 2023
Unique Number : 10619715 **Diagnostician** : Jonathan Hester
Test Package : IND 2

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

Certificate L2367
 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)