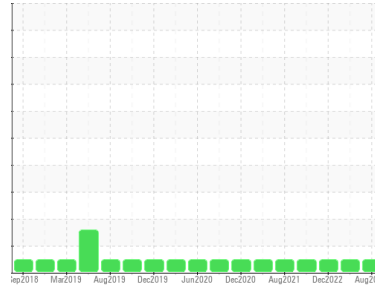




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
SULLUBE
 Machine Id
SULLAIR 200606190030 - ARTISTIC STONE
 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			UCH05928844	UCH05813982	UCH05724197
Sample Date	Client Info			03 Aug 2023	22 Mar 2023	12 Dec 2022
Machine Age	hrs	Client Info		38510	37643	37016
Oil Age	hrs	Client Info		3190	8	2171
Oil Changed	Client Info			Not Changed	Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	0
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>50	<1	0	<1
Tin	ppm	ASTM D5185m	>15	0	<1	4
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0	0	1
Barium	ppm	ASTM D5185m	525	394	660	112
Molybdenum	ppm	ASTM D5185m	10	0	0	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	5	<1	4	5
Calcium	ppm	ASTM D5185m	10	<1	3	<1
Phosphorus	ppm	ASTM D5185m	250	2	6	<1
Zinc	ppm	ASTM D5185m	100	6	3	0
Sulfur	ppm	ASTM D5185m	400	382	403	335

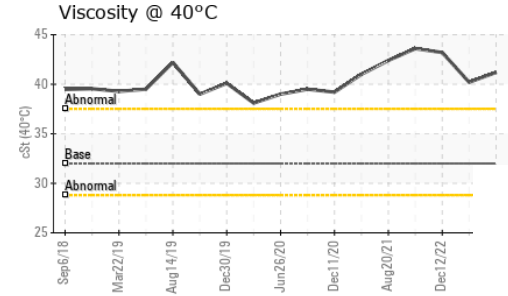
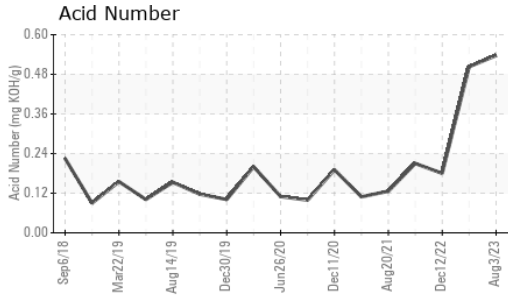
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	1	4	<1
Sodium	ppm	ASTM D5185m		31	13	43
Potassium	ppm	ASTM D5185m	>20	3	2	3

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.537	0.503	0.18

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
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	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

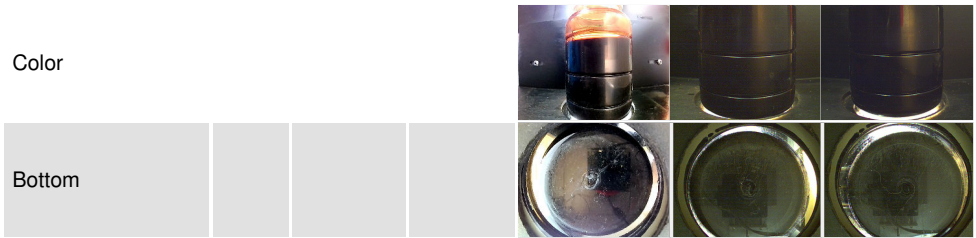


OIL ANALYSIS REPORT

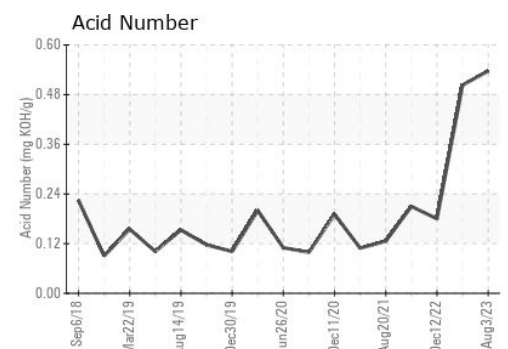
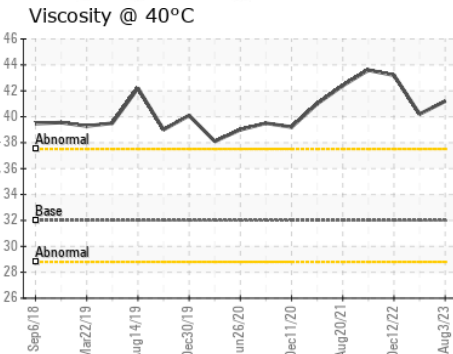
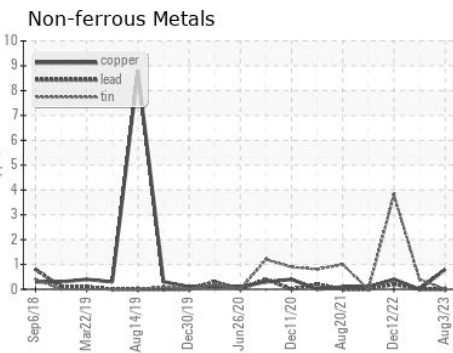
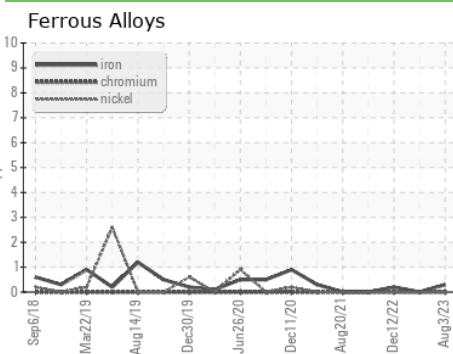


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32	41.2	40.2	43.2

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05928844 **Received** : 18 Aug 2023
Lab Number : **05928844** **Diagnosed** : 21 Aug 2023
Unique Number : 10608791 **Diagnostician** : Doug Bogart
Test Package : IND 2

TATE ENGINEERING
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 RICHMOND, VA
 US 23237
 Contact: JOE MYRICK
 JOE.MYRICK@TATE.COM
 T: (804)339-0007
 F: (804)743-0415

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)