



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
TE-PAG 32
Machine Id
SULLAIR 003-112420 - GORDON PAPER
Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH0000600	UCH06078415	UCH06026629
Sample Date		Client Info		18 Apr 2024	01 Feb 2024	28 Nov 2023
Machine Age	hrs	Client Info		0	28631	27723
Oil Age	hrs	Client Info		2000	908	5493
Filter Age	hrs	Client Info		2000	908	1813
Oil Changed		Client Info		Not Changed	Not Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		0	<1	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>25	0	3	0
Copper	ppm	ASTM D5185m	>50	0	2	<1
Tin	ppm	ASTM D5185m	>15	<1	1	2
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

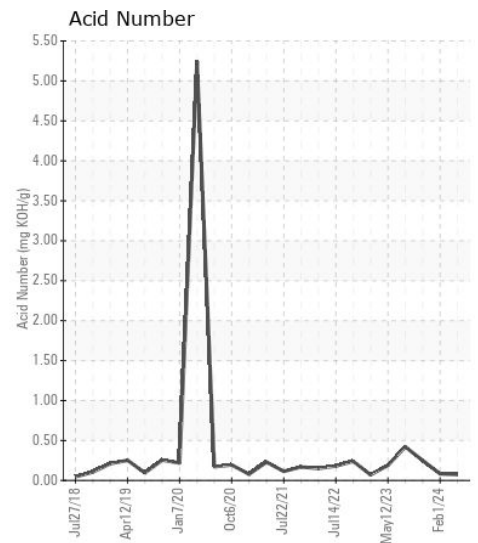
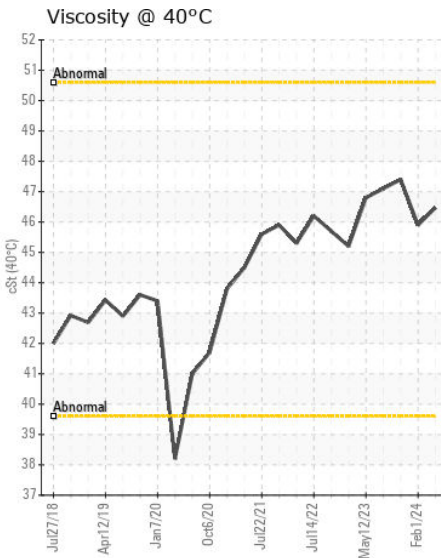
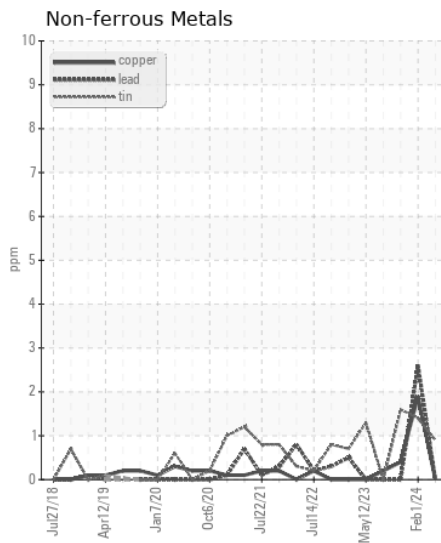
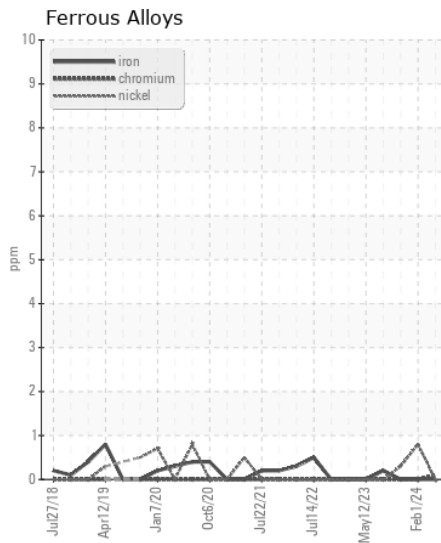
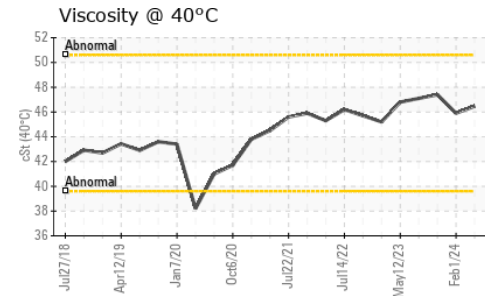
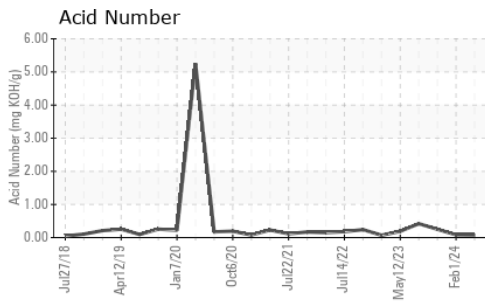
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<1	1	<1
Potassium	ppm	ASTM D5185m	>20	2	6	3
Water		WC Method	>0.1	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	>0.1	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		53	54	67
Boron	ppm	ASTM D5185m		0	0	5
Barium	ppm	ASTM D5185m		270	314	82
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	2	0
Magnesium	ppm	ASTM D5185m		0	1	14
Calcium	ppm	ASTM D5185m		3	4	7
Phosphorus	ppm	ASTM D5185m		4	4	14
Zinc	ppm	ASTM D5185m		0	0	4
Sulfur	ppm	ASTM D5185m		568	617	804
Acid Number (AN)	mg KOH/g	ASTM D8045		0.073	0.083	0.25
Visc @ 40°C	cSt	ASTM D445		46.47	45.9	47.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH0000600
Lab Number : 06157064
Unique Number : 10992487
Test Package : IND 2

Received : 22 Apr 2024
Tested : 26 Apr 2024
Diagnosed : 26 Apr 2024 - Jonathan Hester

TATE ENGINEERING
 8131 VIRGINIA PINE CT
 RICHMOND, VA
 US 23237

Contact: RANDY BEAUCHAMP
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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)

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