



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
SULLUBE
 Machine Id
SULLAIR 201205030051 - VA PAVING
 Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06124969	UCH05904450	UCH05236273
Sample Date		Client Info		18 Mar 2024	20 Jul 2023	21 Apr 2021
Machine Age	hrs	Client Info		19349	17415	10785
Oil Age	hrs	Client Info		1934	8756	2126
Filter Age	hrs	Client Info		1934	8756	2126
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		Changed	Changed	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<1	0	<1
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		0	0	<1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	3	5	<1
Tin	ppm	ASTM D5185m	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

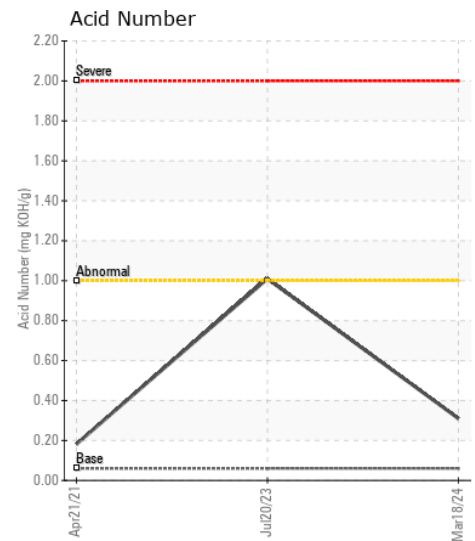
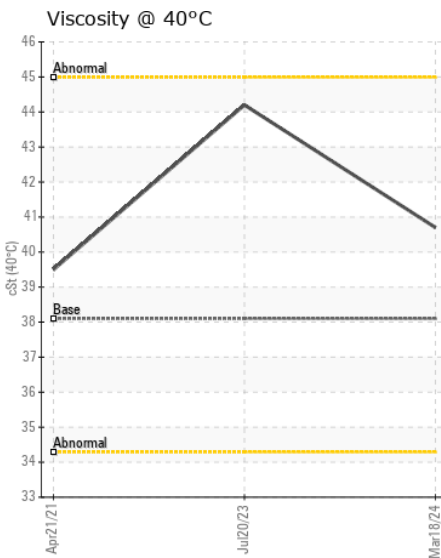
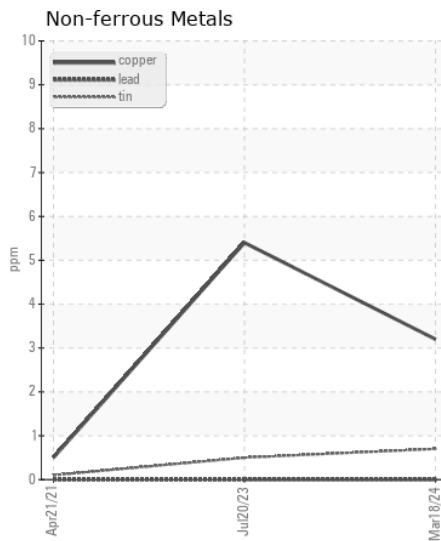
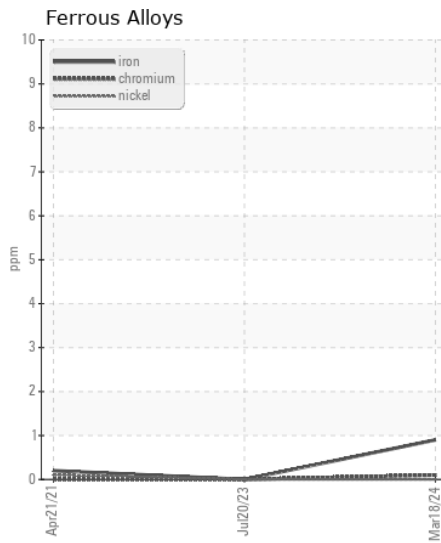
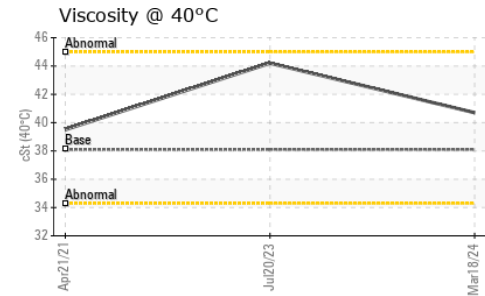
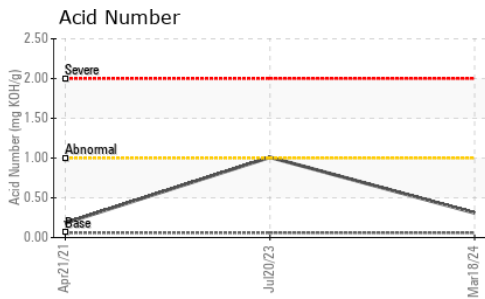
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<1	<1	0
Potassium	ppm	ASTM D5185m	>20	38	38	42
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		186	170	190
Boron	ppm	ASTM D5185m		0	0	2
Barium	ppm	ASTM D5185m	745	77	135	130
Molybdenum	ppm	ASTM D5185m	0.0	<1	0	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m	0.0	0	5	0
Calcium	ppm	ASTM D5185m	1	0	9	0
Phosphorus	ppm	ASTM D5185m	3	6	18	10
Zinc	ppm	ASTM D5185m	0.1	13	9	0
Sulfur	ppm	ASTM D5185m	240	336	458	228
Acid Number (AN)	mg KOH/g	ASTM D8045	.06	0.31	1.01	0.182
Visc @ 40°C	cSt	ASTM D445	38.1	40.7	44.2	39.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : UCH06124969

Lab Number : 06124969

Unique Number : 10939120

Test Package : IND 2

Received : 21 Mar 2024

Tested : 22 Mar 2024

Diagnosed : 24 Mar 2024 - Don Baldrige

TATE ENGINEERING

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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)