



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Area
SULLUBE [8018316]
Machine Id
SULLAIR 200701190020 - ESCO
Component
Compressor

RECOMMENDATION

We advise that you check for a possible overheat condition. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

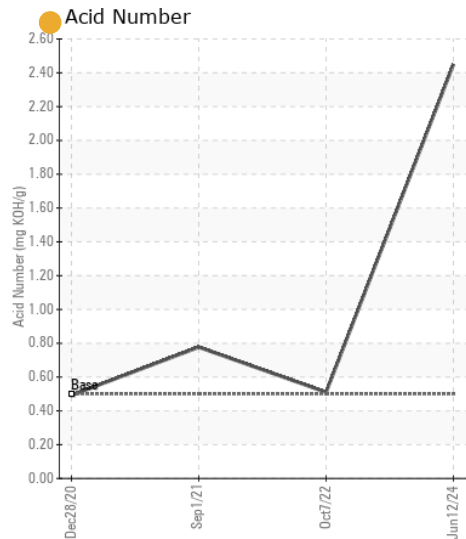
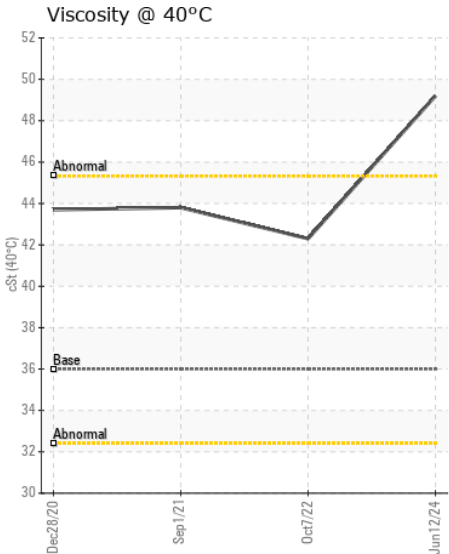
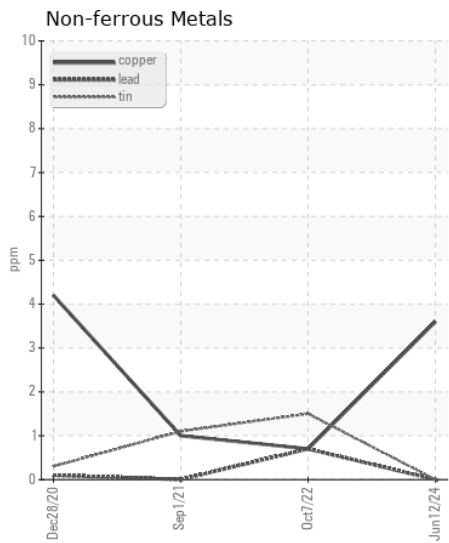
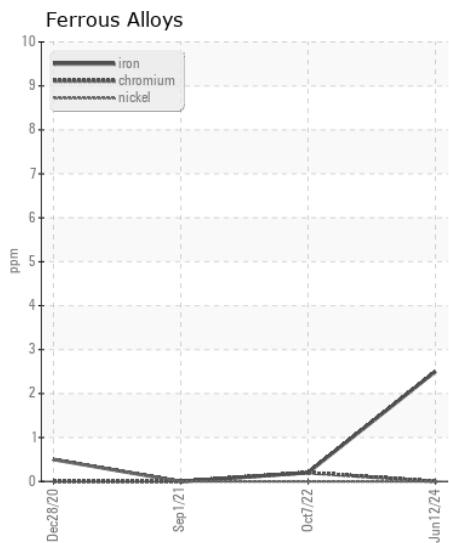
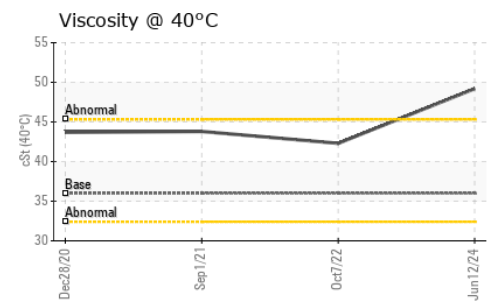
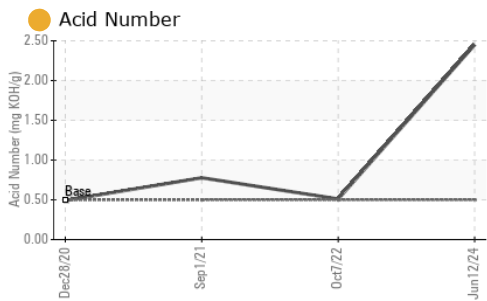
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The AN level is above the recommended limit. TAN level indicates possible presence of varnish.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06213599	UCS05665755	UCS05345064
Sample Date		Client Info		12 Jun 2024	07 Oct 2022	01 Sep 2021
Machine Age	hrs	Client Info		65427	57473	52311
Oil Age	hrs	Client Info		13116	5162	9976
Filter Age	hrs	Client Info		4216	5162	2122
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ATTENTION	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	2	<1	0
Chromium	ppm	ASTM D5185m	>10	0	<1	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	<1	0	0
Lead	ppm	ASTM D5185m	>25	0	<1	0
Copper	ppm	ASTM D5185m	>50	4	<1	1
Tin	ppm	ASTM D5185m	>15	0	2	1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Silicon	ppm	ASTM D5185m	>25	1	2	<1
Potassium	ppm	ASTM D5185m	>20	4	5	4
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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
Sodium	ppm	ASTM D5185m		38	58	56
Boron	ppm	ASTM D5185m		0	0	4
Barium	ppm	ASTM D5185m	500	429	97	10
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		<1	1	<1
Calcium	ppm	ASTM D5185m		<1	0	0
Phosphorus	ppm	ASTM D5185m		10	12	5
Zinc	ppm	ASTM D5185m		2	0	0
Sulfur	ppm	ASTM D5185m	150	432	73	188
Acid Number (AN)	mg KOH/g	ASTM D8045	0.5	2.45	0.51	0.777
Visc @ 40°C	cSt	ASTM D445	36	49.2	42.3	43.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06213599 **Received** : 18 Jun 2024
Lab Number : 06213599 **Tested** : 20 Jun 2024
Unique Number : 11086463 **Diagnosed** : 20 Jun 2024 - Don Baldrige
Test Package : IND 2

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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