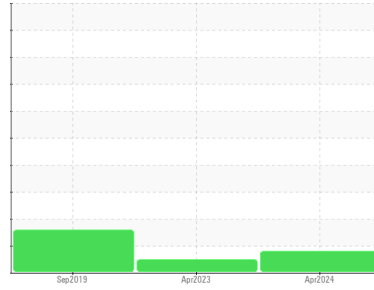




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
CHEMLUBE PLUS 10 [125866]
 Machine Id
SULLAIR 003-150387 - CARGILL
 Component
Compressor

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

The iron level is abnormal. All other 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 acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			UCH06160485	UCH05881768	UCH04815458
Sample Date	Client Info			22 Apr 2024	05 Apr 2023	30 Sep 2019
Machine Age	hrs	Client Info		92252	84595	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			Not Changed	Changed	N/A
Sample Status				ATTENTION	NORMAL	ATTENTION

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	89	0	<1
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	0	<1
Lead	ppm	ASTM D5185m	>25	1	0	0
Copper	ppm	ASTM D5185m	>50	11	2	<1
Tin	ppm	ASTM D5185m	>15	<1	0	0
Antimony	ppm	ASTM D5185m		---	---	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0

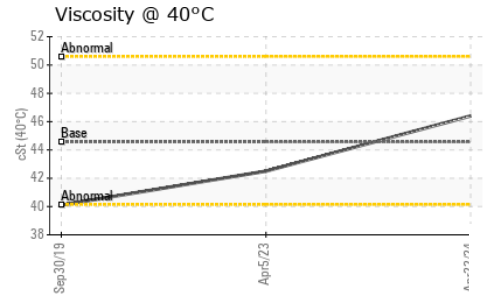
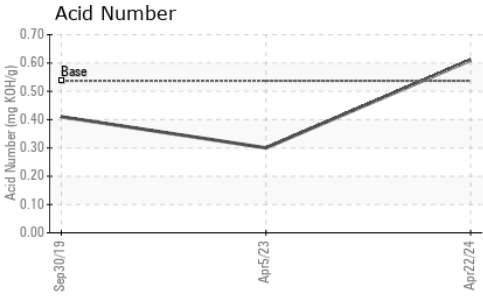
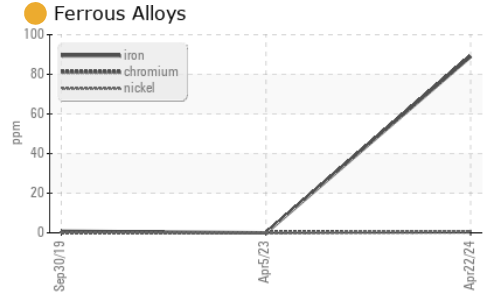
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0.1	0	0	4
Barium	ppm	ASTM D5185m	0.8	13	<1	637
Molybdenum	ppm	ASTM D5185m	0	<1	0	1
Manganese	ppm	ASTM D5185m	0.9	<1	<1	0
Magnesium	ppm	ASTM D5185m	0	<1	0	<1
Calcium	ppm	ASTM D5185m	0	0	0	19
Phosphorus	ppm	ASTM D5185m	409	218	347	6
Zinc	ppm	ASTM D5185m	0	16	2	11
Sulfur	ppm	ASTM D5185m	1290	635	865	282

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4	0	7
Sodium	ppm	ASTM D5185m		2	<1	26
Potassium	ppm	ASTM D5185m	>20	<1	0	13

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.537	0.61	0.30	0.410



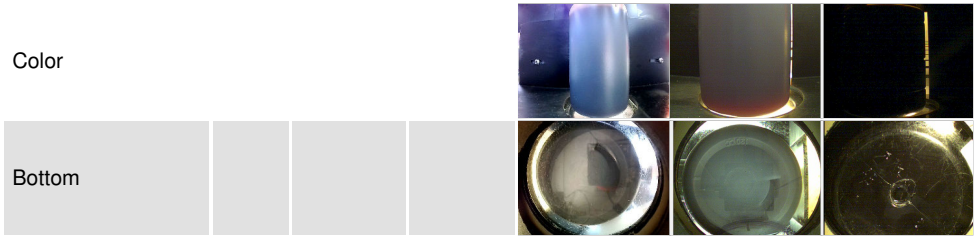
OIL ANALYSIS REPORT



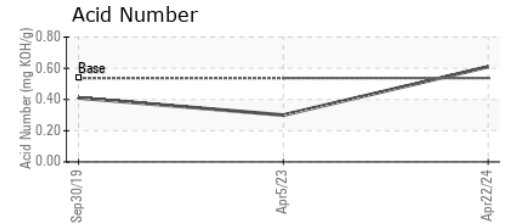
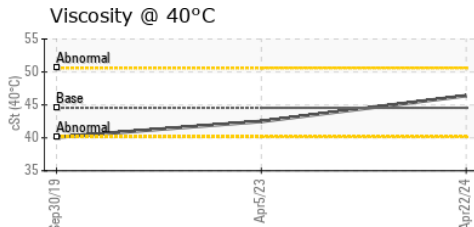
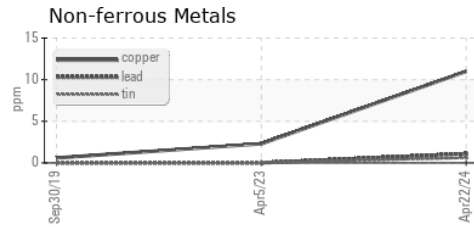
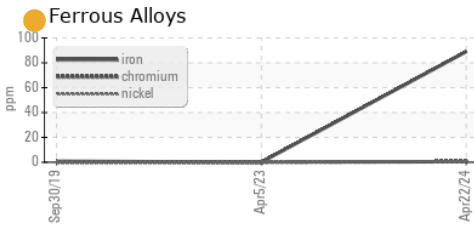
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	0.2%
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.56	46.4	42.5 40.1

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06160485 **Received** : 25 Apr 2024
Lab Number : 06160485 **Tested** : 26 Apr 2024
Unique Number : 10995908 **Diagnosed** : 29 Apr 2024 - Sean Felton
Test Package : IND 2

AIR HANDLING EQUIPMENT INC
 1389 RIVERSIDE DR
 SIDNEY, OH
 US 45365
 Contact: ANGIE ROSENBECK
 angie@ahequip.net
 T: (937)658-6266
 F: (937)492-3147

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)