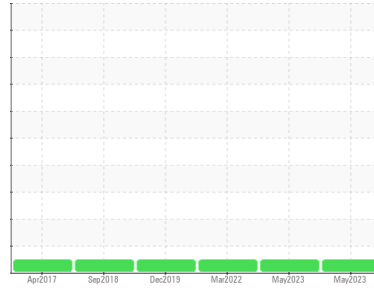




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
CENLUBE GOLD 32 [TOP SUMP]
 Machine Id
INGERSOLL RAND CENTA M97-9696
 Component
Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (top sump).

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		UCH0000216	UCH0000050	UCH05497126
Sample Date	Client Info		18 May 2023	17 May 2023	15 Mar 2022
Machine Age	hrs	Client Info	4689	4690	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		Filtered	Filtered	Not Changd
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	4	3	3
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	<1
Aluminum	ppm	ASTM D5185m >25	0	0	<1
Lead	ppm	ASTM D5185m >25	0	2	<1
Copper	ppm	ASTM D5185m >50	0	2	<1
Tin	ppm	ASTM D5185m >15	<1	1	<1
Antimony	ppm	ASTM D5185m	---	---	---
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	2
Barium	ppm	ASTM D5185m 525	325	325	303
Molybdenum	ppm	ASTM D5185m 10	0	0	0
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m 5	0	0	0
Calcium	ppm	ASTM D5185m 10	2	2	0
Phosphorus	ppm	ASTM D5185m 250	81	85	80
Zinc	ppm	ASTM D5185m 100	0	2	2
Sulfur	ppm	ASTM D5185m 400	306	297	244

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<1	1	<1
Sodium	ppm	ASTM D5185m	28	26	24
Potassium	ppm	ASTM D5185m >20	<1	<1	0

FLUID DEGRADATION

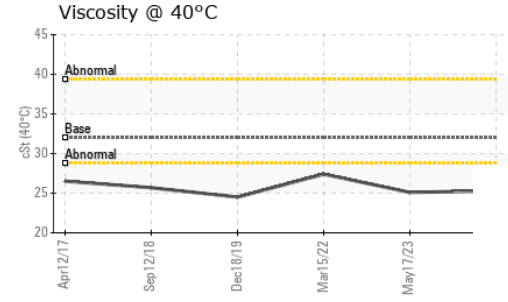
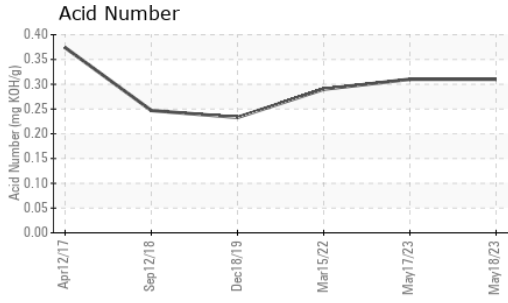
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.31	0.31	0.29

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	MODER	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

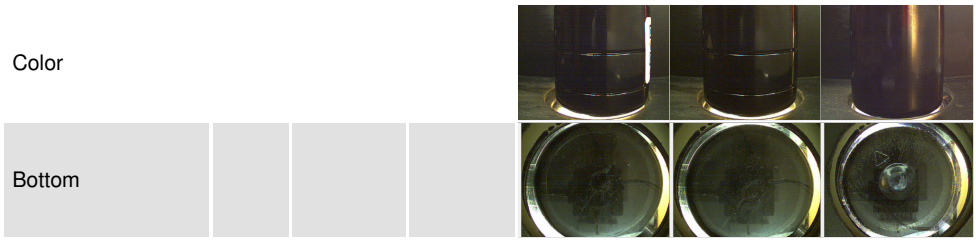


OIL ANALYSIS REPORT

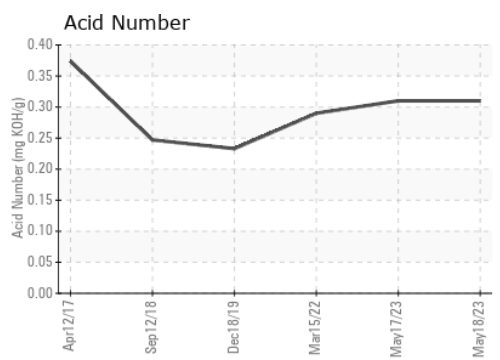
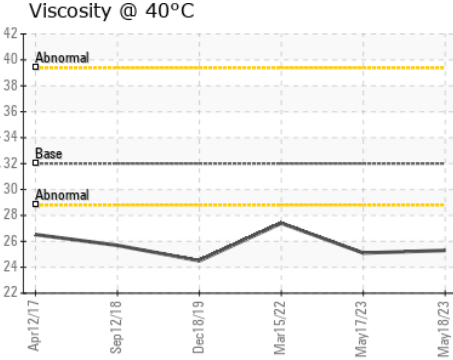
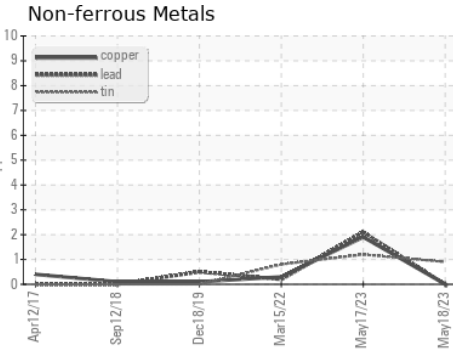
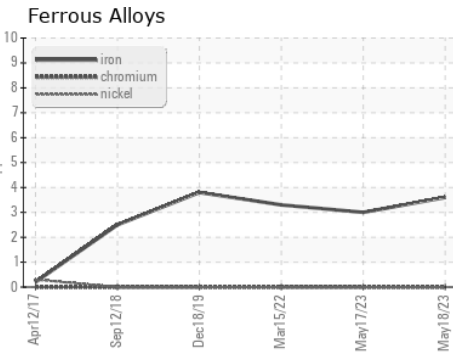


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32	25.3	25.1	27.4

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH0000216 **Received** : 24 May 2023
Lab Number : 05856299 **Diagnosed** : 28 May 2023
Unique Number : 10485654 **Diagnostician** : Don Baldrige
Test Package : IND 2

FLUID ENERGY - FLUID FLOW
 2108 CROWN VIEW DR
 CHARLOTTE, NC
 US 28227
 Contact: SERVICE MANAGER
 cftair@fluidflow.com

Certificate L2367
 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)