



PROBLEM SUMMARY

Area
VISION 8000
 Machine Id
HODGE 2204015022 - LIFE IS BREWING
 Component
Compressor

Sample Rating Trend

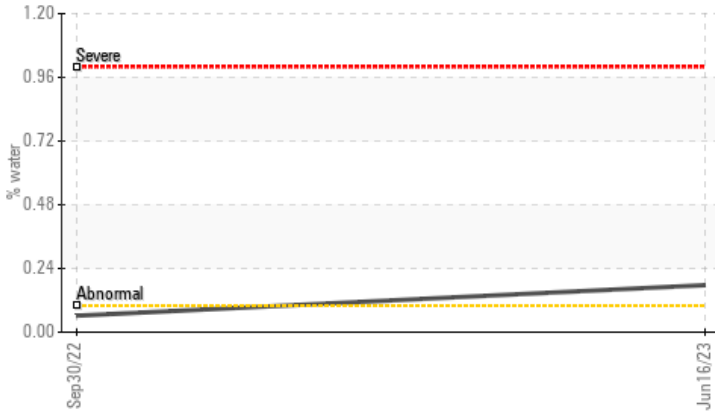


WATER



COMPONENT CONDITION SUMMARY

▲ Water



RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	ATTENTION	---
Water	%	ASTM D6304	>0.1	▲ 0.177	0.062	---
ppm Water	ppm	ASTM D6304	>1000	▲ 1770	620	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	0.2%	---

Customer Id: UCATLHOS
 Sample No.: UCH05936229
 Lab Number: 05936229
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Water Drain-off	---	---	?	We advise that you follow the water drain-off procedure for this component.

HISTORICAL DIAGNOSIS

30 Sep 2022 Diag: Don Baldrige

WATER



Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Free water present. The AN level is acceptable for this fluid.

view report





OIL ANALYSIS REPORT

Sample Rating Trend

WATER

Area
VISION 8000
 Machine Id
HODGE 2204015022 - LIFE IS BREWING
 Component
Compressor



DIAGNOSIS

▲ Recommendation

We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

▲ Contamination

There is a light concentration of water present 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		UCH05936229	UCH05707195	---
Sample Date	Client Info		16 Jun 2023	30 Sep 2022	---
Machine Age	hrs	Client Info	786	333	---
Oil Age	hrs	Client Info	329	333	---
Oil Changed	Client Info		Not Chngd	Changed	---
Sample Status			ATTENTION	ATTENTION	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	13	2	---
Chromium	ppm	ASTM D5185m >10	0	0	---
Nickel	ppm	ASTM D5185m	0	0	---
Titanium	ppm	ASTM D5185m	<1	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	5	<1	---
Lead	ppm	ASTM D5185m >25	0	0	---
Copper	ppm	ASTM D5185m >50	<1	<1	---
Tin	ppm	ASTM D5185m >15	<1	0	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	---
Barium	ppm	ASTM D5185m	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	---
Manganese	ppm	ASTM D5185m	<1	<1	---
Magnesium	ppm	ASTM D5185m	4	2	---
Calcium	ppm	ASTM D5185m	2	0	---
Phosphorus	ppm	ASTM D5185m	635	45	---
Zinc	ppm	ASTM D5185m	186	62	---
Sulfur	ppm	ASTM D5185m	1405	0	---

CONTAMINANTS

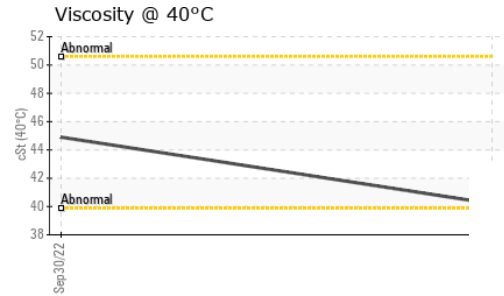
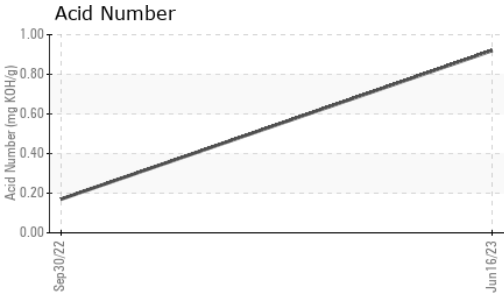
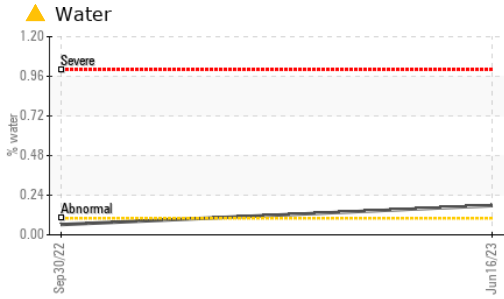
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	3	3	---
Sodium	ppm	ASTM D5185m	3	1	---
Potassium	ppm	ASTM D5185m >20	0	0	---
Water	%	ASTM D6304 >0.1	▲ 0.177	0.062	---
ppm Water	ppm	ASTM D6304 >1000	▲ 1770	620	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.92	0.17	---



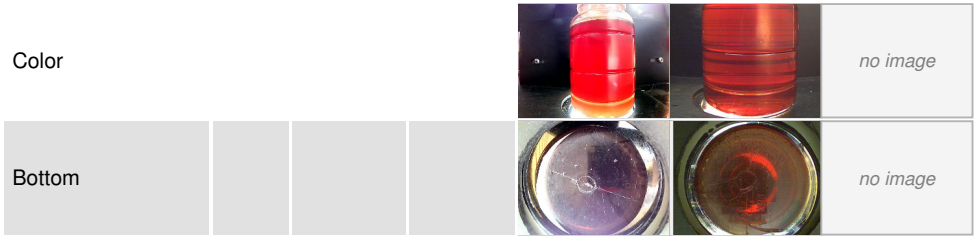
OIL ANALYSIS REPORT



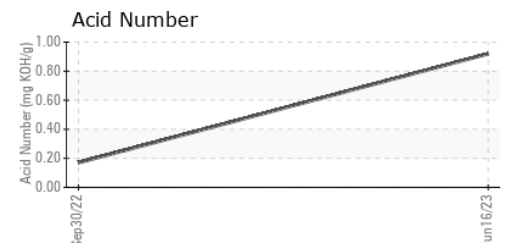
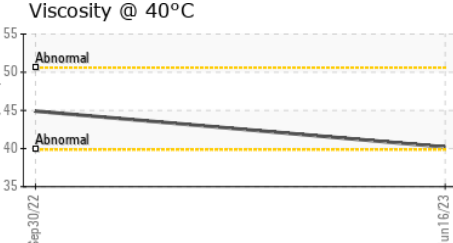
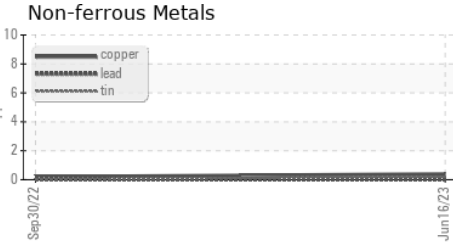
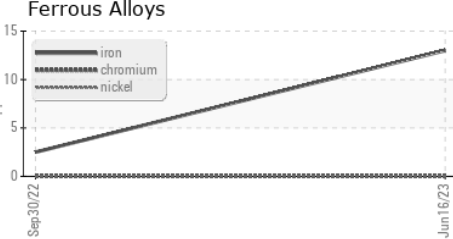
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	0.2%
Free Water	scalar	*Visual		▲ NEG	▲ 1.0

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	40.2	44.9	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05936229 **Received** : 28 Aug 2023
Lab Number : 05936229 **Diagnosed** : 29 Aug 2023
Unique Number : 10621500 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

ATLANTA AIR COMPRESSOR
 123 MERCHANTS PARK DR
 HOSCHTON, GA
 US 30548
 Contact: Derik Bray
 Derik@atlantaaircompressor.com
 T: (470)252-9952
 F: x:

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)