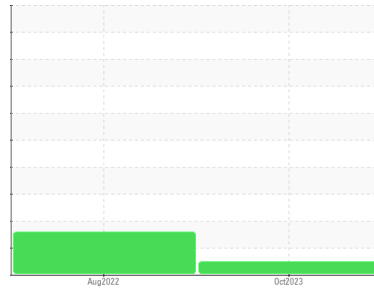


Area
SMART OIL
Machine Id
HERTZ VD015193
Component
Compressor
Fluid
SMARTOIL 6000 (--- GAL)



DIAGNOSIS

Recommendation
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 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		UHK05995805	UHK05707232	---
Sample Date	Client Info		05 Oct 2023	18 Aug 2022	---
Machine Age	hrs	Client Info	5320	3309	---
Oil Age	hrs	Client Info	130	3309	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			NORMAL	ATTENTION	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185m	>50	0	<1	---
Chromium	ppm	ASTM D5185m	>10	0	0	---
Nickel	ppm	ASTM D5185m		0	4	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	0	0	---
Lead	ppm	ASTM D5185m	>25	0	0	---
Copper	ppm	ASTM D5185m	>50	<1	<1	---
Tin	ppm	ASTM D5185m	>15	<1	2	---
Vanadium	ppm	ASTM D5185m		0	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		0	<1	---
Magnesium	ppm	ASTM D5185m		0	<1	---
Calcium	ppm	ASTM D5185m	20	0	0	---
Phosphorus	ppm	ASTM D5185m		467	59	---
Zinc	ppm	ASTM D5185m		6	6	---
Sulfur	ppm	ASTM D5185m		975	92	---

CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	>25	4	15	---
Sodium	ppm	ASTM D5185m		<1	0	---
Potassium	ppm	ASTM D5185m	>20	2	0	---

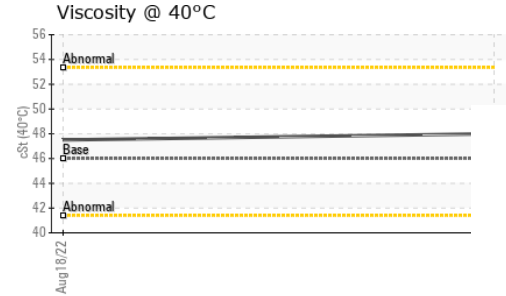
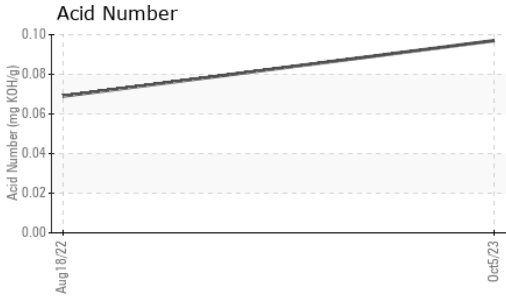
FLUID DEGRADATION method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D8045		0.097	0.069	---
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VISUAL method limit/base current history1 history2

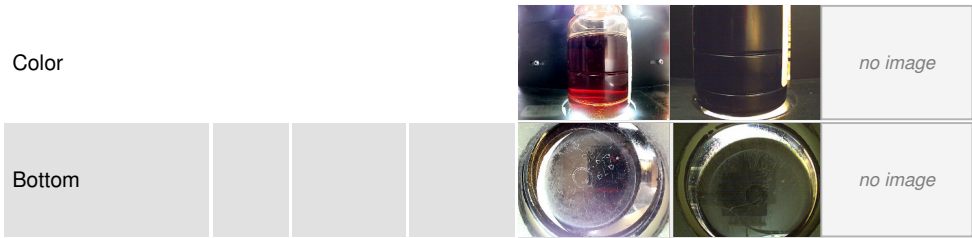
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML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

OIL ANALYSIS REPORT

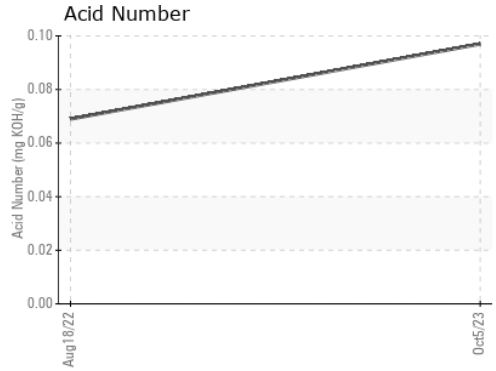
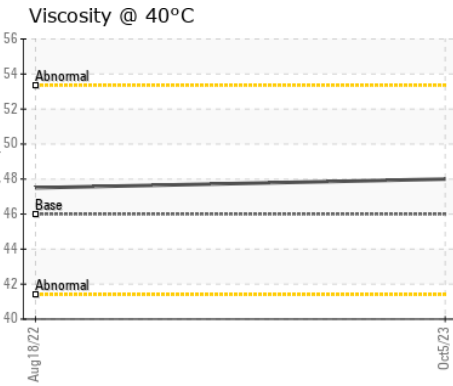
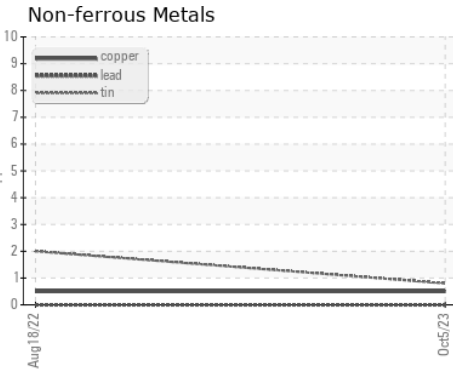
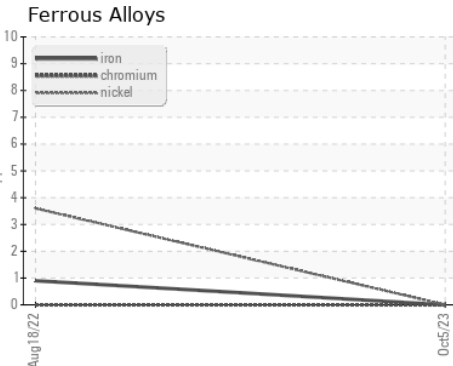


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	48.0	47.5	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UHK05995805 **Received** : 01 Nov 2023
Lab Number : 05995805 **Diagnosed** : 02 Nov 2023
Unique Number : 10724165 **Diagnostician** : Don Baldrige
Test Package : IND 2

CHARLOTTE COMPRESSOR
 338 S SHARON AMITY RD #201
 CHARLOTTE, NC
 US 28211
 Contact: Service
 service@atlantaaircompressor.com
 T: (704)399-9993
 F:

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)