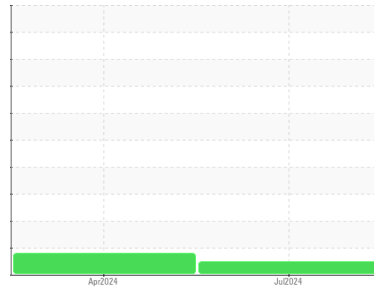


Area
SMART OIL
Machine Id
HERTZ VD032905
Component
Compressor

Sample Rating Trend



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	UHK0000536	UHK06160519	---
Sample Date	Client Info	09 Jul 2024	09 Apr 2024	---
Machine Age	hrs	Client Info	2546	2061
Oil Age	hrs	Client Info	1519	2061
Oil Changed	Client Info	Changed	Not Changd	---
Sample Status		NORMAL	ATTENTION	---

CONTAMINATION method limit/base current history1 history2

Water	WC Method	>0.1	NEG	NEG	---
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WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185m	>50	4	6	---
Chromium	ppm	ASTM D5185m	>10	0	<1	---
Nickel	ppm	ASTM D5185m		0	<1	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	2	---
Lead	ppm	ASTM D5185m	>25	0	1	---
Copper	ppm	ASTM D5185m	>50	<1	2	---
Tin	ppm	ASTM D5185m	>15	0	15	---
Vanadium	ppm	ASTM D5185m		0	<1	---
Cadmium	ppm	ASTM D5185m		0	<1	---

ADDITIVES method limit/base current history1 history2

Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		0	<1	---
Magnesium	ppm	ASTM D5185m		<1	<1	---
Calcium	ppm	ASTM D5185m	20	0	0	---
Phosphorus	ppm	ASTM D5185m		165	115	---
Zinc	ppm	ASTM D5185m		5	7	---
Sulfur	ppm	ASTM D5185m		484	343	---

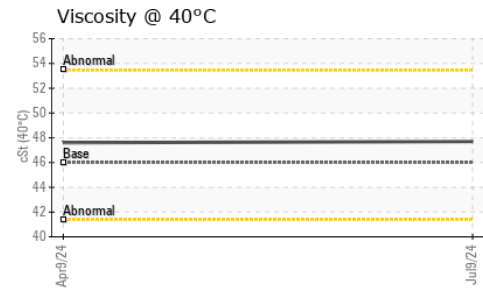
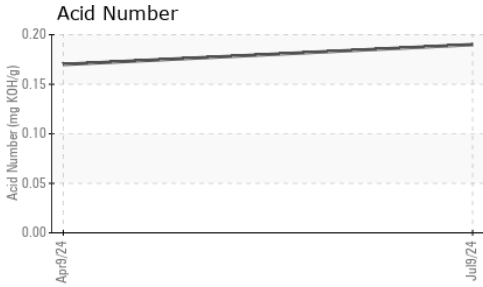
CONTAMINANTS method limit/base current history1 history2

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

FLUID DEGRADATION method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D8045		0.19	0.17	---
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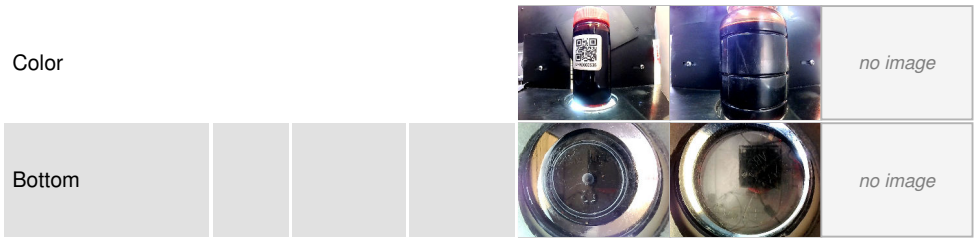
OIL ANALYSIS REPORT



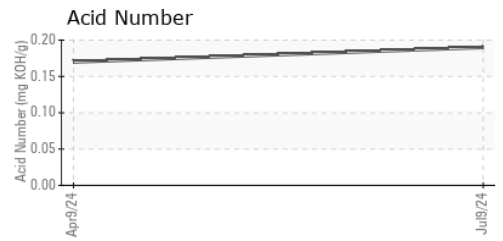
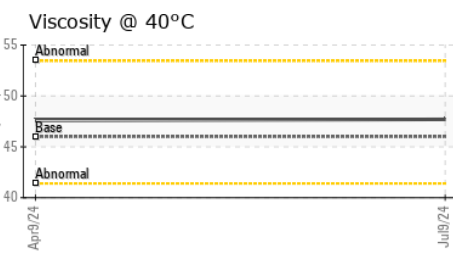
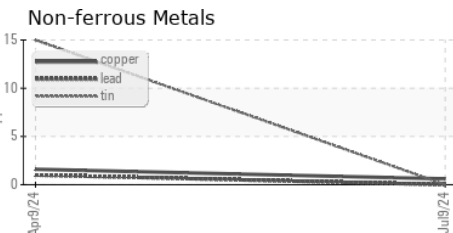
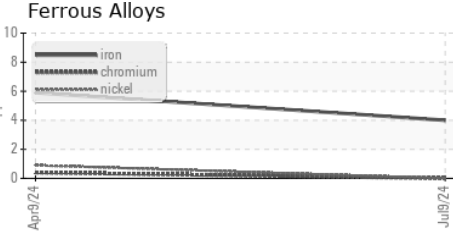
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	LIGHT	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	47.7	47.6

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. : UHK0000536
Lab Number : 06237891
Unique Number : 11126725
Test Package : IND 2

Received : 16 Jul 2024
Tested : 17 Jul 2024
Diagnosed : 17 Jul 2024 - Wes Davis

ATLANTA AIR COMPRESSOR - HERTZ
 123 MERCHANTS PARK DR
 HOSCHTON, GA
 US 30548
 Contact: Service Manager

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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F: