

Area

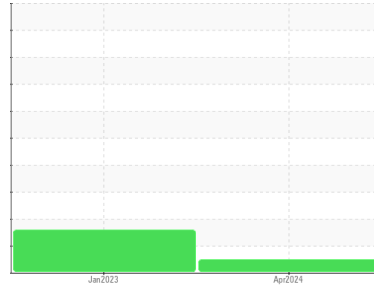
HERTZ SMART OIL

Machine Id

HERTZ VD015176 - KOONS FORD ANNAPOLIS MD

Component

Compressor



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		UHK06157788	UHK05752270	---
Sample Date	Client Info		19 Apr 2024	05 Jan 2023	---
Machine Age	hrs	Client Info	20426	9153	---
Oil Age	hrs	Client Info	4000	4630	---
Oil Changed		Client Info	Changed	Changed	---
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	0	<1	---
Chromium	ppm	ASTM D5185m	>10	<1	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	0	2	---
Tin	ppm	ASTM D5185m	>15	<1	<1	---
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		<1	<1	---
Calcium	ppm	ASTM D5185m	20	0	0	---
Phosphorus	ppm	ASTM D5185m		245	56	---
Zinc	ppm	ASTM D5185m		11	47	---
Sulfur	ppm	ASTM D5185m		283	46	---

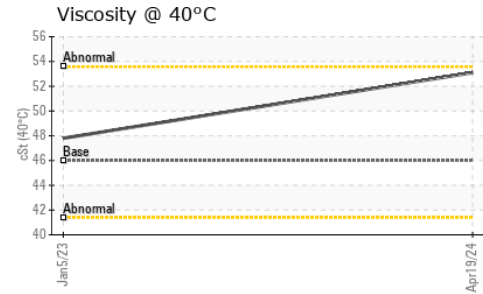
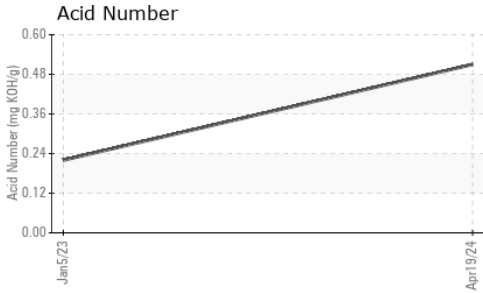
CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	>25	4	6	---
Sodium	ppm	ASTM D5185m		<1	<1	---
Potassium	ppm	ASTM D5185m	>20	1	0	---

FLUID DEGRADATION method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D8045		0.51	0.22	---
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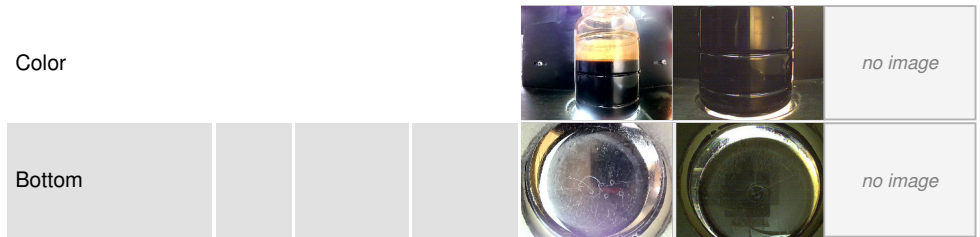
OIL ANALYSIS REPORT



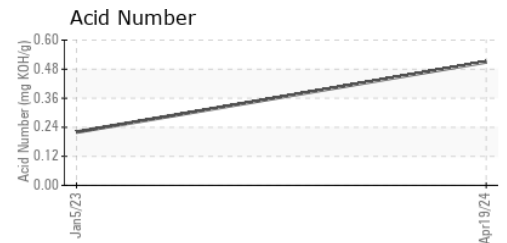
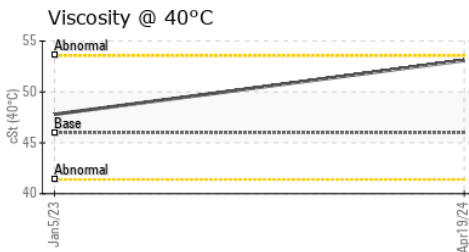
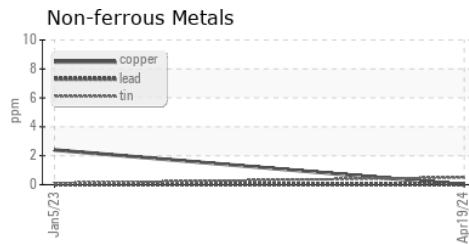
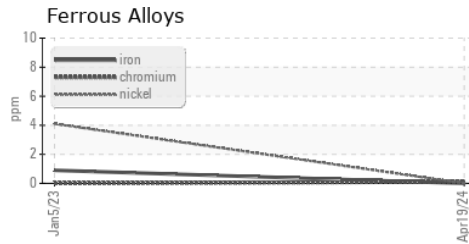
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	MODER	---
Sand/Dirt	scalar	*Visual	NONE	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	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	53.1	47.8	---

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. : UHK06157788 **Received** : 23 Apr 2024
Lab Number : **06157788** **Tested** : 24 Apr 2024
Unique Number : 10993211 **Diagnosed** : 25 Apr 2024 - Sean Felton
Test Package : IND 2

INDUSTRIAL DIAGNOSTICS
 1900 LANSDOWNE RD, SUITE G
 BALTIMORE, MD
 US 21227
 Contact: ABHI RAO
 arao@idaircompressors.com
 T: (410)923-4235
 F: (443)709-2120

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)