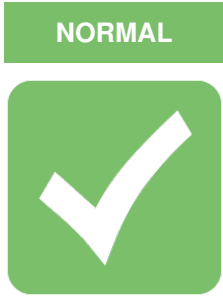
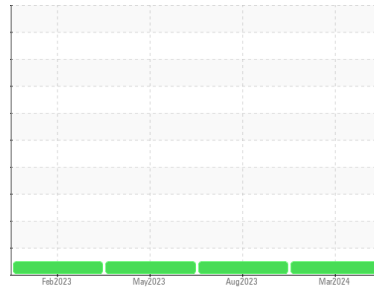




OIL ANALYSIS REPORT

Area
VISION 8000
 Machine Id
HODGE 2109025022
 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	UHC0001056	UHC0000742	UHC0000564
Sample Date	Client Info	19 Mar 2024	16 Aug 2023	18 May 2023
Machine Age	hrs Client Info	6155	4794	2752
Oil Age	hrs Client Info	3402	0	2000
Oil Changed	Client Info	Changed	Changed	Not Changed
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >50	6	3	2
Chromium	ppm ASTM D5185m >10	<1	0	0
Nickel	ppm ASTM D5185m	1	0	0
Titanium	ppm ASTM D5185m	<1	0	0
Silver	ppm ASTM D5185m	0	0	0
Aluminum	ppm ASTM D5185m >25	3	0	<1
Lead	ppm ASTM D5185m >25	2	<1	<1
Copper	ppm ASTM D5185m >50	2	<1	0
Tin	ppm ASTM D5185m >15	1	<1	<1
Vanadium	ppm ASTM D5185m	<1	0	0
Cadmium	ppm ASTM D5185m	1	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	0	0	0
Barium	ppm ASTM D5185m	<1	1	0
Molybdenum	ppm ASTM D5185m	<1	0	<1
Manganese	ppm ASTM D5185m	1	<1	<1
Magnesium	ppm ASTM D5185m	4	7	3
Calcium	ppm ASTM D5185m	10	24	71
Phosphorus	ppm ASTM D5185m	708	449	487
Zinc	ppm ASTM D5185m	186	384	102
Sulfur	ppm ASTM D5185m	2336	2706	3397

CONTAMINANTS

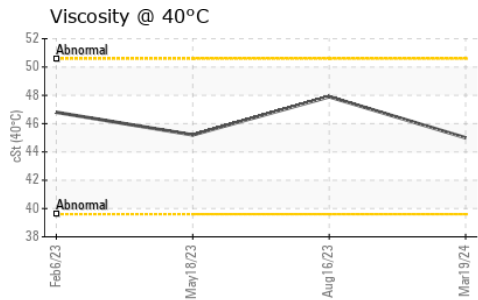
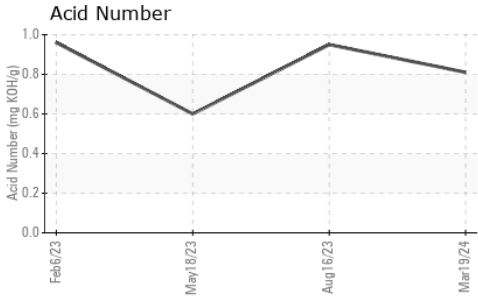
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >25	2	8	3
Sodium	ppm ASTM D5185m	7	24	21
Potassium	ppm ASTM D5185m >20	3	6	5

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	0.81	0.95	0.60



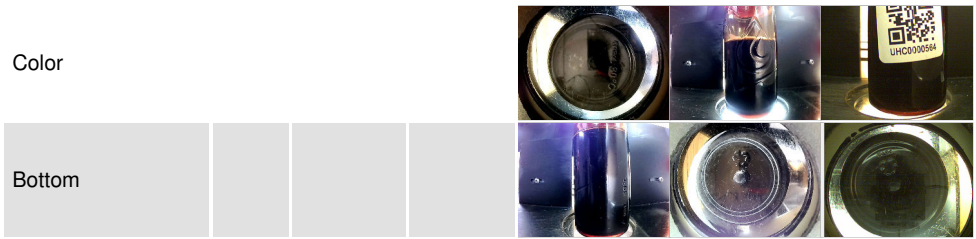
OIL ANALYSIS REPORT



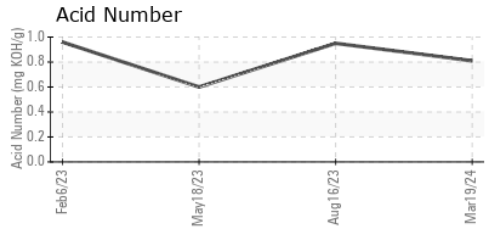
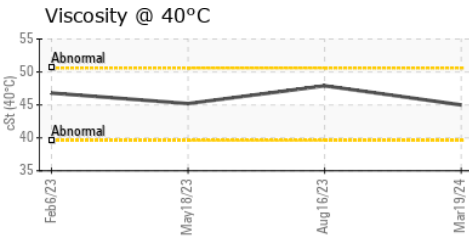
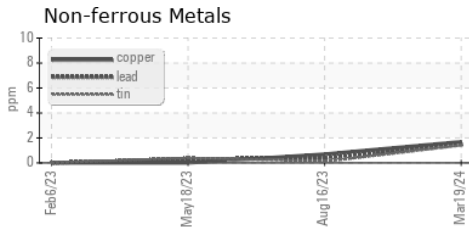
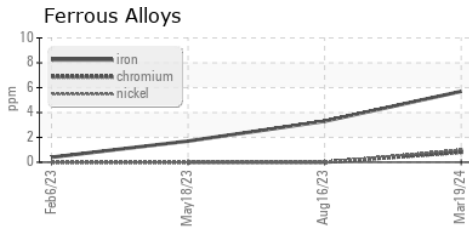
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	45.0	47.9	45.2

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UHC0001056 **Received** : 11 Apr 2024
Lab Number : **06145990** **Tested** : 12 Apr 2024
Unique Number : 10976068 **Diagnosed** : 15 Apr 2024 - Don Baldrige
Test Package : IND 2

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

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)