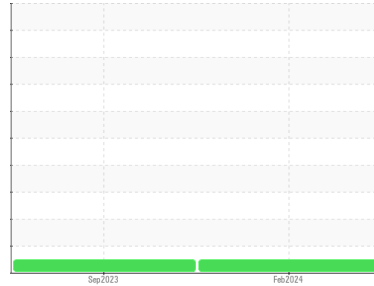


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
NOT GIVEN [SVO-059317]
Machine Id
INGERSOLL RAND K8115U90 - SHELTON INDUSTRIAL PATTERN
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			UCH06097849	UCH05947312	---
Sample Date	Client Info			08 Feb 2024	10 Sep 2023	---
Machine Age	hrs	Client Info		18433	10000	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			Not Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.8	NEG	NEG	---

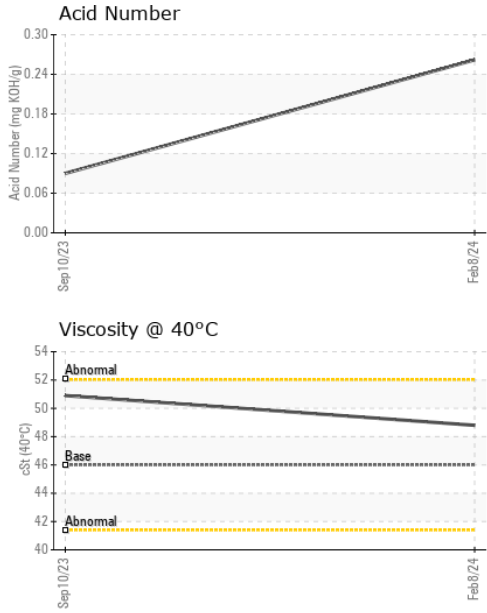
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	---
Chromium	ppm	ASTM D5185m	>10	<1	0	---
Nickel	ppm	ASTM D5185m		<1	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>25	<1	<1	---
Lead	ppm	ASTM D5185m	>25	<1	<1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

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	<1	0	---
Barium	ppm	ASTM D5185m	525	274	577	---
Molybdenum	ppm	ASTM D5185m	10	<1	0	---
Manganese	ppm	ASTM D5185m		<1	0	---
Magnesium	ppm	ASTM D5185m	5	<1	0	---
Calcium	ppm	ASTM D5185m	10	2	0	---
Phosphorus	ppm	ASTM D5185m	250	0	0	---
Zinc	ppm	ASTM D5185m	100	3	0	---
Sulfur	ppm	ASTM D5185m	400	54	326	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	1	2	---
Sodium	ppm	ASTM D5185m		22	22	---
Potassium	ppm	ASTM D5185m	>20	2	3	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.262	0.09	---

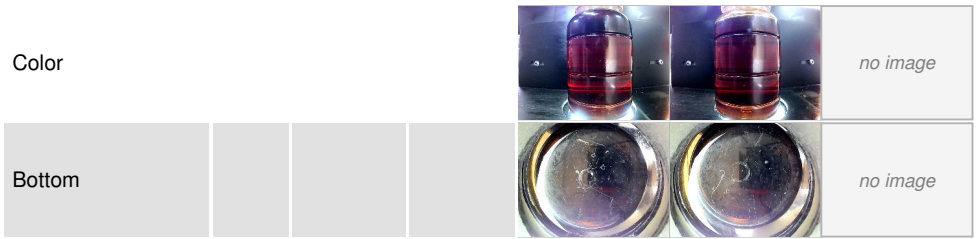
OIL ANALYSIS REPORT



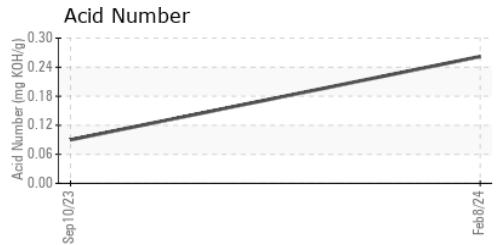
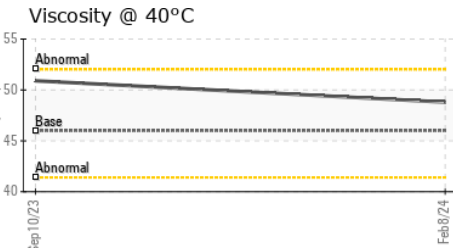
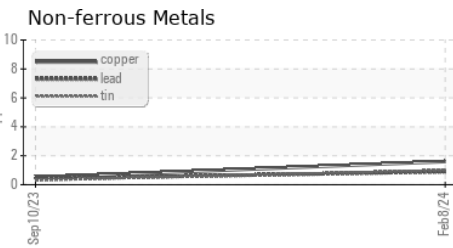
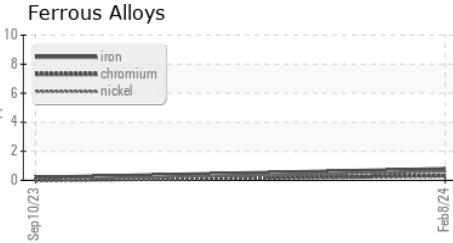
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.8	NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	46	48.8	50.9	---

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. : UCH06097849
Lab Number : 06097849
Unique Number : 10896079
Test Package : IND 2

Received : 22 Feb 2024
Tested : 23 Feb 2024
Diagnosed : 25 Feb 2024 - Don Baldrige

JOHN HENRY FOSTER COMPANY
 4700 LEBOURGET STREET
 SAINT LOUIS, MO
 US 63134
 Contact: RACHEL VON HATTEN
 rvonhatten@jhfc.com
 T: (314)593-1267
 F: (314)874-0965

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)