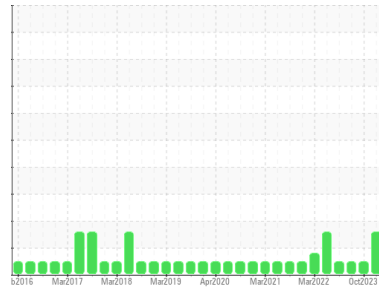




# OIL ANALYSIS REPORT

Sample Rating Trend



**SEDIMENT**



Machine Id  
**INGERSOLL RAND UP6-20-125 CBV369870**  
 Component  
**Compressor**  
 Fluid  
**INGERSOLL-RAND ULTRA PLUS COOLANT (5 GAL)**

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is a moderate amount of visible silt present in the sample.

### Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0943025</b>	WC0825944	WC12246076
Sample Date	Client Info		<b>10 Jun 2024</b>	10 Oct 2023	11 Jul 2023
Machine Age	hrs	Client Info	<b>10806</b>	5070	103256
Oil Age	hrs	Client Info	<b>5000</b>	0	4000
Oil Changed		Client Info	<b>Not Changed</b>	Not Changed	Not Changed
Sample Status			<b>ABNORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>0</b>	0	0
Chromium	ppm	ASTM D5185m >5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	<b>0</b>	0	<1
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >15	<b>0</b>	0	0
Lead	ppm	ASTM D5185m >65	<b>0</b>	0	0
Copper	ppm	ASTM D5185m >65	<b>6</b>	5	7
Tin	ppm	ASTM D5185m >10	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	<1
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	<b>&lt;1</b>	713	869
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	<b>0</b>	<1	0
Magnesium	ppm	ASTM D5185m	<b>1</b>	0	0
Calcium	ppm	ASTM D5185m	<b>0</b>	1	0
Phosphorus	ppm	ASTM D5185m	<b>&lt;1</b>	3	0
Zinc	ppm	ASTM D5185m	<b>0</b>	41	20
Sulfur	ppm	ASTM D5185m	<b>5927</b>	473	278

## CONTAMINANTS

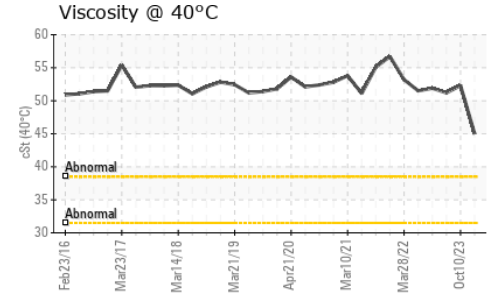
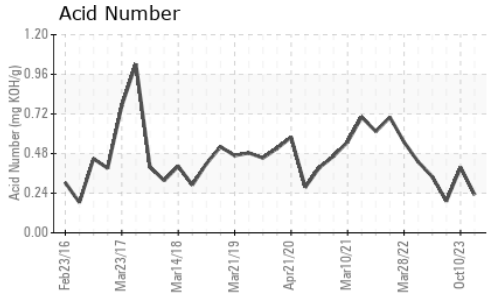
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	<b>&lt;1</b>	1	3
Sodium	ppm	ASTM D5185m	<b>2</b>	43	19
Potassium	ppm	ASTM D5185m >20	<b>1</b>	6	0

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.23</b>	0.397	0.192



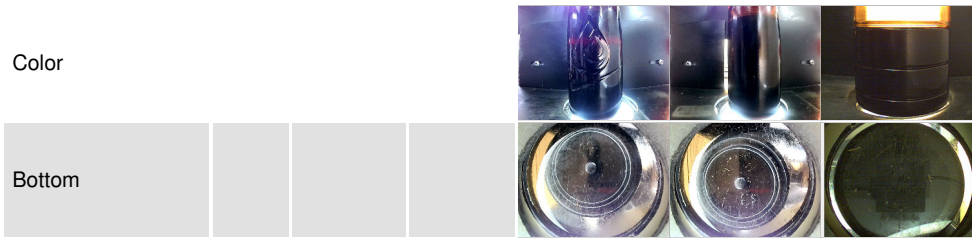
# OIL ANALYSIS REPORT



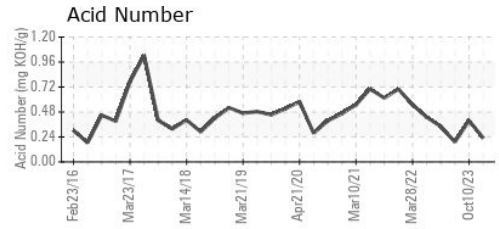
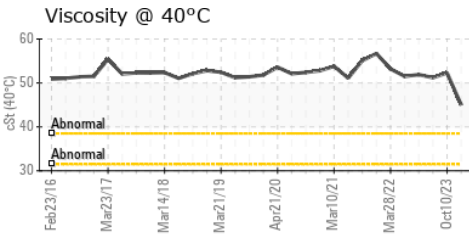
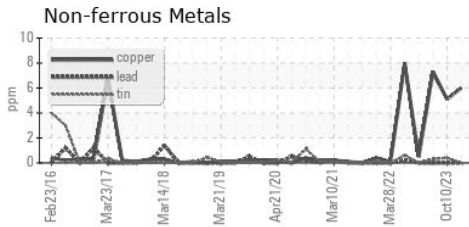
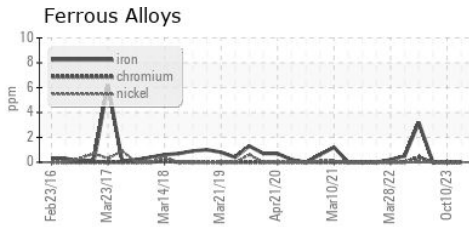
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	▲ MODER	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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	52.3	51.2

### SAMPLE IMAGES



### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0943025      **Received** : 12 Jun 2024  
**Lab Number** : 06207940      **Tested** : 14 Jun 2024  
**Unique Number** : 11075401      **Diagnosed** : 14 Jun 2024 - Don Baldrige  
**Test Package** : IND 2

**ELEVATED INDUSTRIAL SOLUTIONS - EIS**  
 302 HUGHES ST  
 FOUNTAIN INN, SC  
 US 29644  
 Contact: DARRIN WARD  
 dward@elevatedindustrial.com  
 T:

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)      F: (864)862-7653