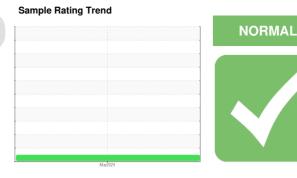


# **OIL ANALYSIS REPORT**

# **NOT GIVEN [SVO-059831] INGERSOLL RAND CBV517298 - ZOLTEK**

Component Compressor



### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

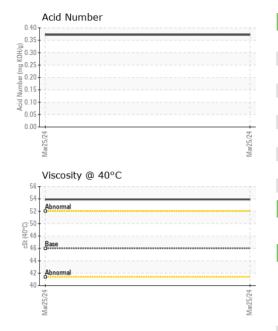
### **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06144451		
Sample Date		Client Info		25 Mar 2024		
Machine Age	hrs	Client Info		19502		
Oil Age	hrs	Client Info		2171		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.8	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	1		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>25	<1		
Copper	ppm	ASTM D5185m	>50	2		
Tin	ppm	ASTM D5185m	>15	1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0		
Barium	ppm	ASTM D5185m	525	634		
Molybdenum	ppm	ASTM D5185m	10	<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	5	1		
Calcium	ppm	ASTM D5185m	10	6		
Phosphorus	ppm	ASTM D5185m	250	0		
Zinc	ppm	ASTM D5185m	100	72		
Sulfur	ppm	ASTM D5185m	400	296		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2		
Sodium	ppm	ASTM D5185m		69		
Potassium	ppm	ASTM D5185m	>20	6		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.372		



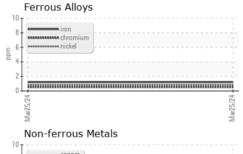
## **OIL ANALYSIS REPORT**



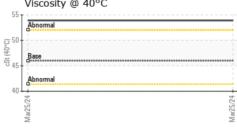
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
<b>Emulsified Water</b>	scalar	*Visual	>0.8	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	53.9		
SAMPLE IMAGES m		method	limit/base	current	history1	history2
Color					no image	no image

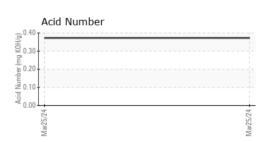
**GRAPHS** 

**Bottom** 









no image

no image





Certificate 12367

Sample No. Lab Number : 06144451

: UCH06144451 Unique Number : 10969259 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 Apr 2024 **Tested** : 11 Apr 2024 Diagnosed

: 12 Apr 2024 - Sean Felton

JOHN HENRY FOSTER COMPANY

4700 LEBOURGET STREET SAINT LOUIS, MO US 63134

Contact: RACHEL VON HATTEN rvonhatten@jhf.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)