

# **OIL ANALYSIS REPORT**

Sample Rating Trend

**INGERSOLL RAND CBV417629 - AVMATS** 



Component Compressor

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

ULTRA COOLANT [SVO-059758]

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

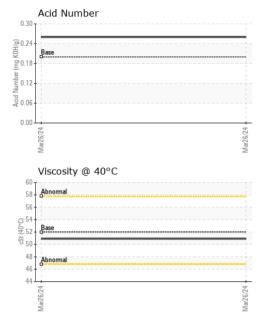
## **Fluid Condition**

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		UCH06144432		
Sample Date		Client Info		26 Mar 2024		
Machine Age	hrs	Client Info		7160		
Oil Age	hrs	Client Info		7160		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.1	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	<1		
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		0		
Barium	ppm	ASTM D5185m	556	1000		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m	242	10		
Phosphorus	ppm	ASTM D5185m	0	1		
Zinc	ppm	ASTM D5185m	0	12		
Sulfur	ppm	ASTM D5185m	306	521		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6		
Sodium	ppm	ASTM D5185m		40		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.2	0.26		

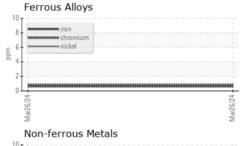


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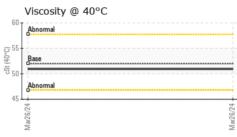


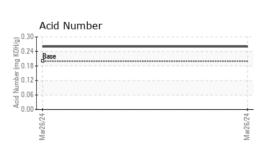
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
<b>Emulsified Water</b>	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	52	50.9		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2

Color no image no image **Bottom** no image no image **GRAPHS** 













Certificate 12367

Report Id: UCJOHSAI [WUSCAR] 06144432 (Generated: 04/12/2024 14:39:13) Rev: 1

Sample No.

Lab Number : 06144432

: UCH06144432 Unique Number : 10969240

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

**Tested** : 11 Apr 2024 Diagnosed : 12 Apr 2024 - Sean Felton

4700 LEBOURGET STREET SAINT LOUIS, MO US 63134

Contact: RACHEL VON HATTEN rvonhatten@jhf.com

JOHN HENRY FOSTER COMPANY

\* - 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)

Test Package : IND 2

Contact/Location: RACHEL VON HATTEN - UCJOHSAI

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