

## **OIL ANALYSIS REPORT**

Sample Rating Trend

DIRT

#### Area ULTRA COOLANT Machine Id INGERSOLL RAND CBV849946

Component Compressor

### DIAGNOSIS

#### Recommendation

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

#### Wear

All component wear rates are normal.

#### Contamination

Elemental level of silicon (Si) above normal.

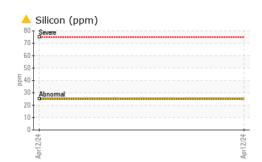
#### Fluid Condition

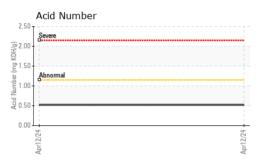
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

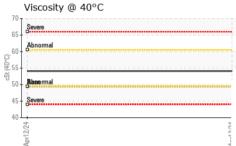
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UAC06160462		
Sample Date		Client Info		12 Apr 2024		
Machine Age	hrs	Client Info		6075		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATION	J	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	6		
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	0	0		
Barium	ppm	ASTM D5185m	500	710		
Molybdenum	ppm	ASTM D5185m	0	1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	0	2		
Calcium	ppm	ASTM D5185m	0	25		
Phosphorus	ppm	ASTM D5185m	20	2		
Zinc	ppm	ASTM D5185m	0	61		
Sulfur	ppm	ASTM D5185m	200	367		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	🔺 25		
Sodium	ppm	ASTM D5185m		89		
Potassium	ppm	ASTM D5185m	>20	8		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

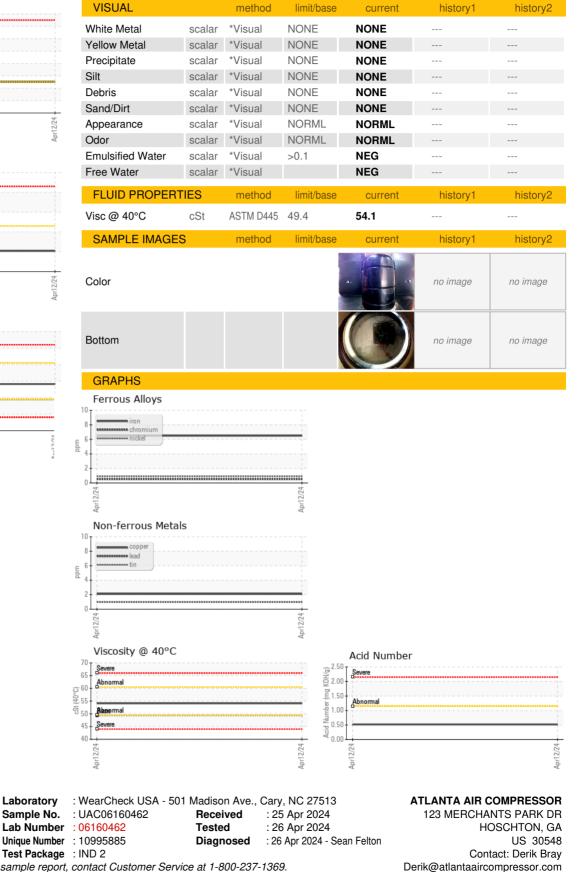


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To discuss this sample report, contact Customer Service at 1-800-237-1369.

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\* - 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)

Certificate 12367

Laboratory

Sample No.

Contact/Location: Derik Bray - UCATLHOS

F: x:

T: (470)252-9952