

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Area NOT GIVEN Machine Id INGERSOLL RAND CBV574877

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.

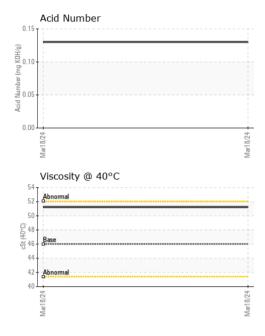
Fluid Condition

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

SAMPLE INFORM	/IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UAC06140019		
Sample Date		Client Info		18 Mar 2024		
Machine Age	hrs	Client Info		15179		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	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	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0		
Barium	ppm	ASTM D5185m	525	740		
Molybdenum	ppm	ASTM D5185m	10	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	5	1		
Calcium	ppm	ASTM D5185m	10	6		
Phosphorus	ppm	ASTM D5185m	250	9		
Zinc	ppm	ASTM D5185m	100	<1		
Sulfur	ppm	ASTM D5185m	400	376		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		14		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.13		



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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			
Mar18/24	Appearance	scalar	*Visual	NORML	NORML			
M	Odor	scalar	*Visual	NORML	NORML			
	Emulsified Water	scalar	*Visual	>0.8	NEG			
	Free Water	scalar	*Visual		NEG			
	FLUID PROPERT		method	limit/base	current	history1	history2	
	Visc @ 40°C	cSt	ASTM D445	46	51.2			
	SAMPLE IMAGES	5	method	limit/base	current	history1	history2	
Mar18/24 +	Color					• no image	no image	
	Bottom					no image	no image	
	Non-ferrous Metals			Mart 8/24 Mart 8/24				
	Viscosity @ 40°C			(B/HOX	Acid Numbe	r		
	Base 45 40 40			(0)HOX WHOX WILL WILL WILL WILL WILL WILL WILL WIL	5			
	Mar18/24			Mar18/24	Mar18/24		2005 - W	
Laboratory Sample No. Lab Number Unique Number Test Package	: UAC06140019 : 06140019 : 10964827 : IND 2	Madison Ave., Cary, NC 27513 Received : 05 Apr 2024 Tested : 08 Apr 2024 Diagnosed : 08 Apr 2024 - Don Baldridge ce at 1-800-237-1369. 2025 scope of accreditation.				ATLANTA AIR COMPRESSO 123 MERCHANTS PARK D HOSCHTON, G US 3054 Contact: Derik Bra Derik@atlantaaircompressor.cor T: (470)252-995		

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: Derik Bray - UCATLHOS

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