

## **OIL ANALYSIS REPORT**

Sample Rating Trend



# Area **NOT GIVEN [422170]** SULLAIR 003-89636 Component Compressor

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

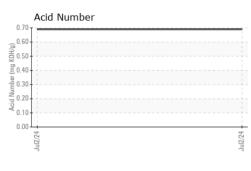
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

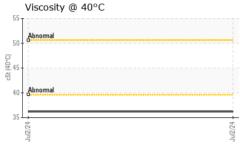
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06236974		
Sample Date		Client Info		02 Jul 2024		
Machine Age	hrs	Client Info		77636		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	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		0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	2		
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		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		266		
Zinc	ppm	ASTM D5185m		50		
Sulfur	ppm	ASTM D5185m		262		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		10		
Potassium	ppm	ASTM D5185m	>20	3		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.69		



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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		
Ju[2/24 •	Appearance	scalar	*Visual	NORML	NORML		
Jul	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.1	NEG		
	Free Water	scalar	*Visual		NEG		
				Parel III and a		Internet and	la la tama O
	FLUID PROPERT		method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445		36.2		
	SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Jul2/24 +	Color					no image	no image
	Bottom					no image	no image
	2			Jul2/24			
	2	S		Jui2/24			
	Non-ferrous Metal	S			Acid Number		
	Non-ferrous Metal	S		Jui2/24			
	Non-ferrous Metal	S		Jui2/24			
	Non-ferrous Metal	S		Jui2/24			
	Non-ferrous Metal	S		Jui2/24			
	Non-ferrous Metal	S		Jui2/24			
	Non-ferrous Metal	S		08.0 13.0 Volting 10.0 Acid 10.0 Aci			
	Non-ferrous Metal	S		Jui2/24			

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

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