

## **OIL ANALYSIS REPORT**

## Area ULTRACOOLANT [OAC3445357] SULLAIR 202110250054 - GLASS FAB TEMPERING

Component Compressor

### Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

#### Wear

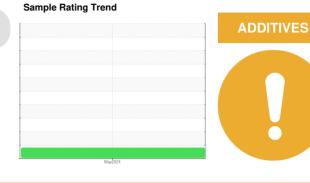
All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

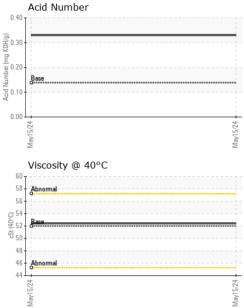
Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.



SAMPLE INFORM	<b>MATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06196763		
Sample Date		Client Info		15 May 2024		
Machine Age	hrs	Client Info		2677		
Oil Age	hrs	Client Info		2677		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
CONTAMINATIO	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		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		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0.6	0		
Barium	ppm	ASTM D5185m	658	<mark> </mark> <1		
Molybdenum	ppm	ASTM D5185m	0	<1		
Manganese	ppm	ASTM D5185m	0	0		
Magnesium	ppm	ASTM D5185m	0.0	<1		
Calcium	ppm	ASTM D5185m	0.2	0		
Phosphorus	ppm	ASTM D5185m	0.6	3		
Zinc	ppm	ASTM D5185m	0	0		
Sulfur	ppm	ASTM D5185m	583	0		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.138	0.33		



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	VISUAL		method	limit/base	e 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		
May15/24	Appearance	scalar	*Visual	NORML	NORML		
May	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.1	NEG		
1	Free Water	scalar	*Visual		NEG		
	FLUID PROPERT	TIES	method	limit/base	e current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	52.0	52.4		
	SAMPLE IMAGES	S	method	limit/base	e current	history1	history2
May15/24 +	Color					no image	no image
Ē	Bottom				Õ	no image	no image
	Non-ferrous Metal	5		May15/24			
	2 0 FZSS1/NEW Viscosity @ 40°C			4g)	Acid Number		
	55 - Base 150			May15/24	0.30 Base 0.10 0.00 4 5 5 5 10 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		Mm.11.7A
Laboratory Sample No. Lab Number Unique Number Test Package discuss this sample report,	: WearCheck USA - 50 : UCH06196763 : 06196763 : 11058886 : IND 2	CISCO AIR SYSTEM 214 27TH S SACRAMENTO, C/ US 9581 Contact: BARRY FRKOVICI barryfrkovich@ciscoair.cor T: (916)444-252 06:2012) F: x					

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