

OIL ANALYSIS REPORT

Area ULTRA FG **INGERSOLL RAND CBV898722 - STERIS CORP** Component Compressor

Recommendation

Resample at the next service interval to monitor.

Wear

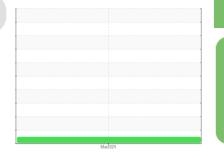
All component wear rates are normal.

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 acceptable for the time in service.



Sample Rating Trend



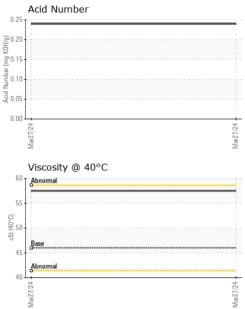
NORMAL

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06141450		
Sample Date		Client Info		27 Mar 2024		
Machine Age	hrs	Client Info		6605		
Oil Age	hrs	Client Info		6605		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
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	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	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	0		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		18		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		20		
Phosphorus	ppm	ASTM D5185m		244		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		503		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		9		
Potassium	ppm	ASTM D5185m	>20	5		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.24		



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VISUAL



	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			
/24 -	Appearance	scalar	*Visual	NORML	NORML			
Mar27/24	Odor	scalar	*Visual	NORML	NORML			
~	Emulsified Water	scalar	*Visual	>0.1	NEG			
				>0.1				
	Free Water	scalar	*Visual		NEG			
	FLUID PROPERT	IES	method	limit/base	current	history1	history2	
	Visc @ 40°C	cSt	ASTM D445	46.0	57.5			
	SAMPLE IMAGES	6	method	limit/base	current	history1	history2	
Mai27/24	Color					no image	no image	
	Bottom					no image	no image	
	Non-ferrous Metals	5		Mai27/24 Mai27/24	Acid Number			
	60 Abnormal							
	55 Co-0-0-1-0 40 +02/C22 W			0.0 2.0 0.0 4 4 0.0 0.0 4 0.0 0.0 0.0 0.0 0.0	Ma27/24			
	: 10966258 Diagnosed : 10 Apr 2024 - Angela Borella US							

Contact/Location: RACHEL VON HATTEN - UCJOHSAI

Page 2 of 2