

OIL ANALYSIS REPORT

Sample Rating Trend



Area **NOT GIVEN [422170]** SULLAIR 003-89637 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

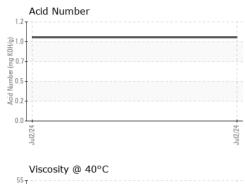
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06236973		
Sample Date		Client Info		02 Jul 2024		
Machine Age	hrs	Client Info		7475		
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	6		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	15		
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		<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		495		
Zinc	ppm	ASTM D5185m		132		
Sulfur	ppm	ASTM D5185m		378		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		15		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.012		



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VISUAL





	VICONE		method	innin base	Guirchi	Thistory I	matoryz
	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	LIGHT		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
Jul2/24 -	Appearance	scalar	*Visual	NORML	NORML		
Jul	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.1	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPER	TIES	mothod	limit/base	ourropt	history1	history
	Visc @ 40°C	cSt	method ASTM D445	iimii/base	current 35.5		history2
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Jul2/24	Color					no image	no image
	Bottom					no image	no image
	mqq 5 0 14 2 0 14 20 10 10 10 10 10 10 10 10 10 10 10 10 10			Jul2/24			
	Non-ferrous Meta						
	Jul2/2			Jul2/2			
	Viscosity @ 40°C			Jul2/24	Acid Number		
	Viscosity @ 40°C 50 50 50 50 50 50 50 50 50 50			1/210r (B)HO3 Bu Jan Part (B) HO3 Bu Jan Part (B) HO3 Bu Jan Part (B) Part	Acid Number		



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