

OIL ANALYSIS REPORT

Area NOT GIVEN [SVO-059850] INGERSOLL RAND CBV513597 - EXPERITEC

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

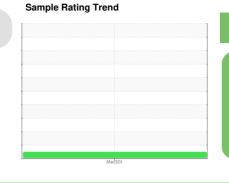
All component wear rates are normal.

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.





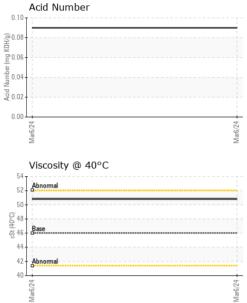
NORMAL

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06144445		
Sample Date		Client Info		06 Mar 2024		
Machine Age	hrs	Client Info		18714		
Oil Age	hrs	Client Info		1737		
Oil Changed		Client Info		Not Changd		
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	1		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		<1		
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	2		
Tin	ppm	ASTM D5185m	>15	1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0		
Barium	ppm	ASTM D5185m	525	746		
Molybdenum	ppm	ASTM D5185m	10	<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	5	<1		
Calcium	ppm	ASTM D5185m	10	6		
Phosphorus	ppm	ASTM D5185m	250	0		
Zinc	ppm	ASTM D5185m	100	19		
Sulfur	ppm	ASTM D5185m	400	298		
CONTAMINANTS	\$	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2		
Sodium	ppm	ASTM D5185m		26		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.09		



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VISUAL



	VISUAL		method	limit/base	current	nistory i	nistory2		
	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				
Mar6/24	Appearance	scalar	*Visual	NORML	NORML				
Ma	Odor	scalar	*Visual	NORML	NORML				
	Emulsified Water	scalar	*Visual	>0.8	NEG				
	Free Water	scalar	*Visual		NEG				
	FLUID PROPER	TIFS	method	limit/base	current	history1	history2		
	Visc @ 40°C	cSt	ASTM D445	46	50.8				
						In the Law and	la la tana 0		
	SAMPLE IMAGE	5	method	limit/base	e current	history1	history2		
Mar6/24	Color					no image	no image		
	Bottom					no image	no image		
	Non-ferrous Meta			Mar6/24	Acid Number				
	Abnormal Base 45 45 45			4 0.0H(g) 0.0 Number (mg K0H(g) 0.0 0.0 0.0 0.0	10 08 06 04 02 00				
Laboratory Sample No. Lab Number		Rece Teste	ived : 10 ed : 11) Apr 2024 Apr 2024		N HENRY FOST 4700 LEBOUF SAII	RGET STREE NT LOUIS, MO		
Denotes test methods that									

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