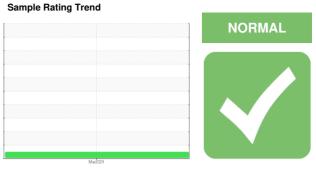


OIL ANALYSIS REPORT

TE-PAG 32 Machine Id SULLAIR 003-112809 - CHT

Component Compressor



DIAGNOSIS

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

Moderate concentration of visible dirt/debris present in the oil.

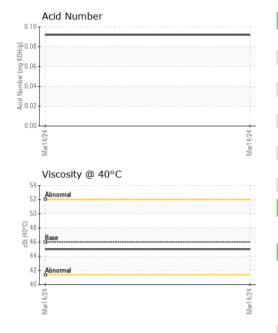
Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06148810		
Sample Date		Client Info		14 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		8000		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	٧	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	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		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0		
Barium	ppm	ASTM D5185m	525	56		
Molybdenum	ppm	ASTM D5185m	10	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	5	0		
Calcium	ppm	ASTM D5185m	10	0		
Phosphorus	ppm	ASTM D5185m	250	3		
Zinc	ppm	ASTM D5185m	100	0		
Sulfur	ppm	ASTM D5185m	400	357		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	10		
Sodium	ppm	ASTM D5185m		99		
Potassium	ppm	ASTM D5185m	>20	32		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.092		

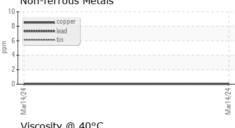


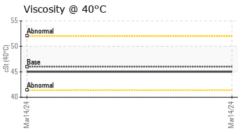
OIL ANALYSIS REPORT

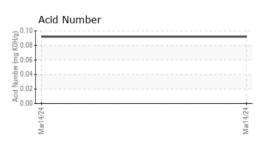


VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	MODER		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.8	NEG		
Free Water	scalar	*Visual		NEG		
	.=0		11 1. //			
FLUID PROPERT	IES	method				history2
Visc @ 40°C	cSt	Method ASTM D445	46	45.0	history1 	history2
	cSt				history1 history1	history2 history2
Visc @ 40°C	cSt	ASTM D445	46	45.0		
Visc @ 40°C SAMPLE IMAGES	cSt	ASTM D445	46	45.0 current	history1	history2













Certificate 12367

Laboratory Sample No.

Lab Number : 06148810

Test Package : IND 2

: UCH06148810 Unique Number : 10978888

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Apr 2024 **Tested** : 16 Apr 2024

Diagnosed : 17 Apr 2024 - Don Baldridge

TATE ENGINEERING 8131 VIRGINIA PINE CT RICHMOND, VA US 23237

Contact: JOE MYRICK JOE.MYRICK@TATE.COM T: (804)339-0007

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (804)743-0415

Contact/Location: JOE MYRICK - UCTATRIC

Report Id: UCTATRIC [WUSCAR] 06148810 (Generated: 04/17/2024 13:57:26) Rev: 1