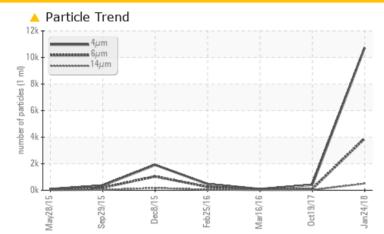


COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status			ABNORMAL	NORMAL	NORMAL		
Particles >6µm	ASTM D7647	>1300	<u> </u>	112	50		
Particles >14µm	ASTM D7647	>80	6 509	21	8		
Particles >21µm	ASTM D7647	>20	<u> </u>	10	2		
Oil Cleanliness	ISO 4406 (c)	>/17/13	A 21/19/16	16/14/12	14/13/10		

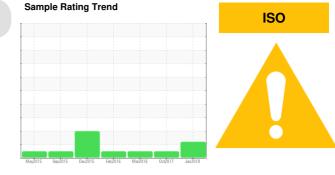
Customer Id: WESLONWC Sample No.: WCI2327649 Lab Number: 04413726 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com



RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Change Filter	MISSED	Jun 27 2018	?	We recommend you service the filters on this component.		

HISTORICAL DIAGNOSIS

19 Oct 2017 Diag: Don Baldridge



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the component. The amount and size of particulates present in the system is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

16 Mar 2016 Diag: Jonathan Hester

NORMAL



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the component. The amount and size of particulates present in the system is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

25 Feb 2016 Diag: Doug Bogart

Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system is acceptable. There is no indication of any contamination in the component. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.









OIL ANALYSIS REPORT

Area [9381690] Machine Id KAESER C-1R (S/N 1022) Component

Compressor

Fluid KAESER SIGMA (OEM) S-460 (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

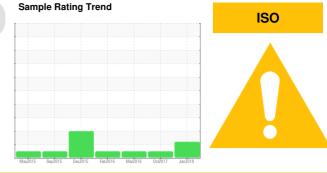
All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

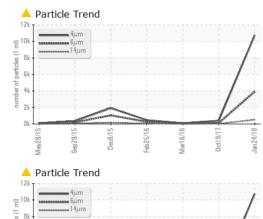
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

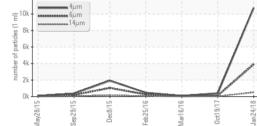


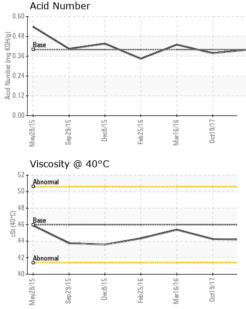
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		WCI2327649	WCI2317638	WC03963555
Sample Date		Client Info		24 Jan 2018	19 Oct 2017	16 Mar 2016
Machine Age	hrs	Client Info		31658	29355	16335
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>50	<1	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	0	0
Lead	ppm	ASTM D5185m	>10	0	<1	0
Copper	ppm	ASTM D5185m	>50	5	10	5
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Antimony	ppm	ASTM D5185m		0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		1	0	0
Barium	ppm	ASTM D5185m	90	19	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	90	20	0	2
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m	-	47	<1	46
Zinc	ppm	ASTM D5185m		0	0	72
Sulfur	ppm	ASTM D5185m		13884	4636	19109
CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m		<1	<1	7
Sodium	ppm	ASTM D5185m	220	2	0	1
Potassium	ppm	ASTM D5185m	>20	2	0	0
FLUID CLEANLIN		method	limit/base	current	history 1	history 2
Particles >4µm		ASTM D7647		10741	403	93
Particles >6µm		ASTM D7647	>1300	▲ 3906	112	50
Particles >14µm		ASTM D7647	>80	▲ 509	21	8
Particles >21µm		ASTM D7647		▲ 118	10	2
Particles >38µm		ASTM D7647 ASTM D7647	>4	4	4	0
Particles >71µm		ASTM D7647 ASTM D7647	>3	4	3	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	u ▲ 21/19/16	3 16/14/12	14/13/10
On Oldanii 1633		100	/ ////10	_ 21/13/10	10/14/12	17/10/10
			11		In the second second	1.
FLUID DEGRADA Acid Number (AN)	ATION mg KOH/g	method ASTM D8045	limit/base	current 0.400	history 1 0.378	history 2 0.430



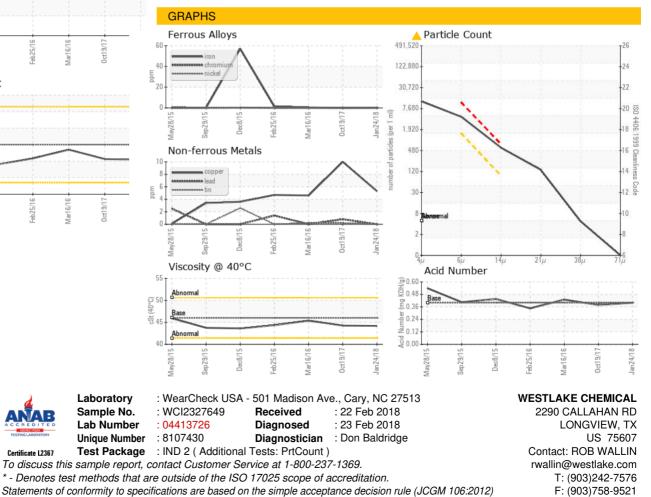
OIL ANALYSIS REPORT







VISUAL		method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual	NONE	LIGHT	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	46	44.18	44.25	45.39
SAMPLE IMAGES	6	method	limit/base	current	history 1	history 2
Color				-		
Bottom				100		



Contact/Location: ROB WALLIN - WESLONWC